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APRIL, 1907

# THE INDUSTRIOUS HEN

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ONE YEAR 50c.—THREE YEARS \$1

AN ILLUSTRATED MONTHLY  
FOR  
POULTRY, LIVE STOCK AND THE FARM

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COMPANY**  
Knoxville Tenn.



MORE THAN \$1000.00 IN CASH PRIZES—SEE INSIDE



# EGGS FOR HATCHING



After winning 67 regular premiums in one year, 26 of these **firsts** and **specials**, being over double as many firsts and specials won by all competitors in the history of the **Tenn. State show at Nashville**, and this after selling the cock birds that won 1st and 2d in Whites in a class of 275, I have come back to "The Pines," mated up the best lot of

## SILVER, GOLDEN, WHITE AND BUFF WYANDOTTES

that are to be found in America, and will sell eggs that will hatch you winners at \$5 per 15 from select pen, or \$3 per 13; \$5 per 26 from all pens, \$9 per 50 or \$15 per 100.

## JONES, THE WYANDOTTE MAN

has a show record that is unequalled by any breeder in the world. My handsome 36-page catalogue, printed in colors, will tell you all about it; send 10c in stamps for mailing. It is a book worthy a place in any library; don't be without a copy.

## 1000 High Class Birds Yet to Sell

Get what you want—a pen, trio, pair or a male bird that will improve your flock, but get them from "**The Strongest Blood Lines on Earth**," they will please you. Don't buy until you get my prices. **27 High Class Collie Puppies for Sale; a few Brood Bitches also.**

**R. E. JONES,** The Pines, R. F. D. 30 Paducah, Ky.

# BOSWELL'S ACME WHITE WYANDOTTES

**THEY ARE STILL WINNING THE BLUE WHEREVER SHOWN**

Whether exhibited by myself or by my customers, my birds never fail to win their share—the "lion's share"—of all the prizes. They have won this season, as heretofore, in the strongest shows, North, East, South and West. For this there is a *reason*:

## THEY ARE BRED TO WIN.

The ACME WHITE WYANDOTTES were originated and introduced by myself, and have met with marvelous success in the different shows of the country. I have shipped stock and eggs to thousands of customers all over the world, and up to date I have never heard from a single person in complaint that my stock was not as represented. How could they be other than satisfied? For the birds I sell are what their name indicates—the "ACME" of White Wyandotte breeding—bred by a man who knows what it takes to make a winning White Wyandotte, and whose business it is to breed and sell show birds.

**Hundreds of Testimonials**—Vouch for my ability to "deliver the goods," and testify that I always deal with my customers on the square. My customers come back to me from year to year, because they know that the birds I sell are

## BRED FOR MERIT AND SOLD ON HONOR.

I mate and breed my birds for the highest possible exhibition quality, and at the same time give attention to their egg-producing qualities. There are no better egg-producers in the world than the ACME WHITE WYANDOTTES, and they have proven as superior in this regard as in their prize-winning qualities, having laid in my own yards an average of 214 eggs to a pullet in one year—individuals laying as high as 270 eggs during the twelve months. The strain that is superior to the ACME strain does not exist.

Description of Birds, Terms and Prices on Application. Write for my Illustrated Circular.

ACME POULTRY PLANT,

**JOHN W. BOSWELL, Jr., Proprietor,**

R.F.D. No. 1, BECKWITH, TENN.

# "SHAW" WHITE ROCKS ARE SUREST

**They are Record-Breakers wherever exhibited.**

They hold the world's record pen score. They are the only White Rocks that ever won every first at Chicago. They are bred from generations of prize-winners. They will produce the highest per cent of exhibition birds. They are the safest for your foundation stock. They will cost you a reasonable price. They are selected for you by a White Rock judge. They are represented by photos in our catalogue, which is free.

LEWISBURG, TENN.

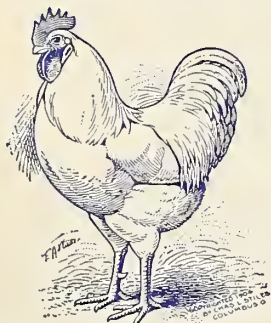
Wabash Poultry Farm, Palestine, Ill.

Dear Sir—Allow me to state that from the setting of eggs received of you last spring, I hatched eight chicks and succeeded in raising five birds, a cockerel and four pullets.

Just to test the merits of Shaw Rocks, I placed these birds in the great Nashville Show, January 14-19, and won first cockerel, third pullet and third pen in a class of 250 birds, which is said to have been one of the greatest White Rock shows of the year. This is conclusive evidence to us that your White Rocks are all they are claimed to be.

Yours very truly,

Mrs. J. T. Davis.



**FRANK L. SHAW, Mgr.**

**WABASH POULTRY FARM, Palestine, Illinois.**

Reference—The Hewes-Pierce School for Poultry Judges, Indianapolis, Theo. Hewes, Pres. When writing mention the **INDUSTRIOUS HEN**



# THE INDUSTRIOUS HEN

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Vol. 3

Knoxville, Tenn., April, 1907

(Whole No. 35)

No. 11

## POULTRY EXPERIMENTS—No. 6

AGRICULTURAL EXPERIMENT STATION, UNIVERSITY OF TENNESSEE

**D**URING the month of February, as will be seen by comparing the report with that of the preceding month, the amount of grain was decreased about 40 pounds, but the mash or ground food remained about the same. The grain was weighed and fed by hand in litter. The ground food was in hoppers and before the birds at all times. The grain was always eagerly sought for by the hens, but the ground food, it seemed, was only eaten when the birds could not find enough grain to satisfy their appetities. The decrease in consumption of food was possibly caused by the warmer weather, during which a smaller amount was required for keeping up the body heat.

It will be noticed that the gain in weight of the entire flock was about the same as in last month. The largest in-

record of the Wyandotte pen is suggestive of a mistake, but none could be found. The decrease in weight of Pens 6 and 8 indicate a lack of protein, the muscle and egg forming portion of the ration. The ration fed was probably as good as a great many poultrymen of the state use, but for fowls not on range, it is too carbonaceous or too fattening, for high egg production. It should be remembered that these pens are mated for breeding and should not be pushed for highest egg production. It is feared that some of the hens have laid during the fall and winter months too much for obtaining the best fertility of eggs and vigor of chicks.

While these reports are interesting and contain valuable information, they must not be considered as tests of the different breeds. The number of fowls in a pen is too small.

RECORD FOR MONTH OF JANUARY, 1907

Breed	Pen No.	No. Hens in Pen	Weighed In	Weighed Out	No. Eggs	Weight of Eggs, ozs.	Feed, Lbs		Cost Per Dozen	Average Per Hen
							Grain	Mash		
White Wyandottes.	1	12	66 $\frac{1}{2}$	67 $\frac{1}{2}$	50	100	77 $\frac{1}{2}$	10	25	4 $\frac{1}{2}$
Barred Rocks.....	2	12	65 $\frac{1}{2}$	72 $\frac{1}{2}$	....	....	77 $\frac{1}{2}$	10	....	....
Barred Rocks.....	3	12	74	76	34	59 $\frac{1}{2}$	77 $\frac{1}{2}$	15	35	2 $\frac{3}{4}$
White Rocks.....	4	12	79	83	37	65	77 $\frac{1}{2}$	15	27	3 $\frac{1}{2}$
S. C. B. Orpingtons	5	12	66 $\frac{1}{2}$	68 $\frac{1}{2}$	65	113	77 $\frac{1}{2}$	5	17	5 $\frac{1}{2}$
Black Langshans..	6	12	69	69 $\frac{1}{2}$	109	190 $\frac{1}{2}$	93	10	15	9 $\frac{1}{2}$
S. C. B. Leghorns..	7	12	37 $\frac{1}{2}$	40	25	43 $\frac{1}{2}$	46 $\frac{1}{2}$	5	33	2 $\frac{1}{2}$
S. C. W. Leghorns..	8	12	36 $\frac{1}{2}$	37 $\frac{1}{2}$	40	70	62	8	28	3 $\frac{1}{2}$
Total .....		96	493 $\frac{1}{2}$	513 $\frac{1}{2}$	270	652	589	78	25	4 $\frac{1}{2}$

REMARKS: The grain feed was valued at 11-3 cents a pound. It was composed of equal parts cracked corn, wheat and oats. The mash was valued at 11-3 cents a pound and was composed of equal parts corn meal wheat bran, wheat shorts, and one-half part alfalfa meal. The mash was before the fowls all the time. Gain or loss of flesh was counted at 10 cents a pound. Labor not considered in estimating cost of eggs.

H. C. AUSTIN, Poultryman.

crease in weight was made by Barred Rocks in Pen No. 2, but their egg yield was lowest. Their increase in weight was not enough to keep their eggs from costing the most. As spring approached, the natural instinct asserted itself and during the last week the egg yield was greatly increased, making the egg yield for the month more than one and one-half times as much as in the preceding month.

The Wyandottes again come to the front with the lowest cost of production. The White Leghorns come second and Langshans third. The largest number of eggs was laid by the Langshans, the Wyandottes and White Leghorns tying for second. The Wyandottes seemingly made a phenomenal increase in weight as compared to the White Leghorns. The

RECORD FOR MONTH OF FEBRUARY, 1907

Breed	Pen No.	No. Hens in Pen	Weighed In	Weighed Out	No. Eggs	Weight of Eggs, ozs.	Feed, Lbs		Cost Per Dozen	Average Per Hen
							Grain	Mash		
White Wyandottes.	1	12	67 $\frac{1}{2}$	71 $\frac{1}{2}$	74	148	70	10	13 $\frac{3}{4}$	6 $\frac{1}{4}$
Barred Rocks .....	2	12	72 $\frac{1}{2}$	81 $\frac{1}{2}$	3	5 $\frac{1}{2}$	70	20	2.20	$\frac{1}{4}$
Barred Rocks .....	3	12	76	80	48	86	70	18	24 $\frac{1}{4}$	4
White Rocks.....	4	12	83	86	35	61 $\frac{1}{2}$	70	12	33	2 $\frac{1}{2}$
S. C. B. Orpingtons	5	12	68 $\frac{1}{2}$	73	66	115 $\frac{1}{2}$	70	5	32 $\frac{1}{2}$	5 $\frac{1}{2}$
Black Langshans..	6	12	69 $\frac{1}{2}$	67	101	176	84	5	17 $\frac{1}{2}$	8 $\frac{1}{2}$
S. C. B. Leghorns..	7	12	40	40	48	84	56	10	25 $\frac{1}{4}$	4
S. C. W. Leghorns..	8	12	37 $\frac{1}{2}$	33	74	129 $\frac{1}{2}$	56	5	16 $\frac{1}{2}$	6 $\frac{1}{8}$
Total .....		96	513 $\frac{1}{2}$	533 $\frac{1}{2}$	449	806 $\frac{1}{2}$	546	75	22	4 $\frac{1}{2}$

REMARKS: The feed value for this month was 11 $\frac{1}{2}$  cents per pound; the grain feed being 1 part corn, 1 part wheat, 1 part oats. Mash feed was 1 part corn meal, 1 part shorts, 1 part wheat bran,  $\frac{1}{2}$  part alfalfa meal. 20 ounces green bone was fed to each bird at cost of 10 cents each.

H. C. AUSTIN, Poultryman.

The strain or parent stock greatly controls the prolificacy of a hen. The care, feeding and individual stamina of the hens is a very important factor. It is an interesting fact that while the Mediterranean class, or more especially the Leghorns, are considered as being the laying breeds, they do not stand the highest when it comes to records of individual hens.

March was unusually hot this year and, taken as a whole, was very favorable to hatching off and rearing the young chicks. Should April be warm like March, an extra host of young chicks will break through the shells this month, and grow off vigorously.



## APRIL POULTRY WORK

BY THE EDITOR

**A**PRIL is the month when every young chick possible should be hatched. Now, I do not say that it will not do to hatch chicks in May or even June, but I do say most emphatically that the April hatches will prove the most profitable, and they will yield a far larger per cent of show birds than the June or even May hatches. But do not misunderstand me. If you can not for any reason, on account of poor hatches, unfortunate accidents, or other troubles, get off the number of chicks you wish in April, then hatch in May all you need. If you fail again in May, then don't hesitate to keep on hatching through June. Many winners are brought off in June. But they require more trouble and do not grow off and prove as profitable as April or even May hatches. Then get every egg you can in the incubator as early as you can this month or under the old hen, if you are using hens.

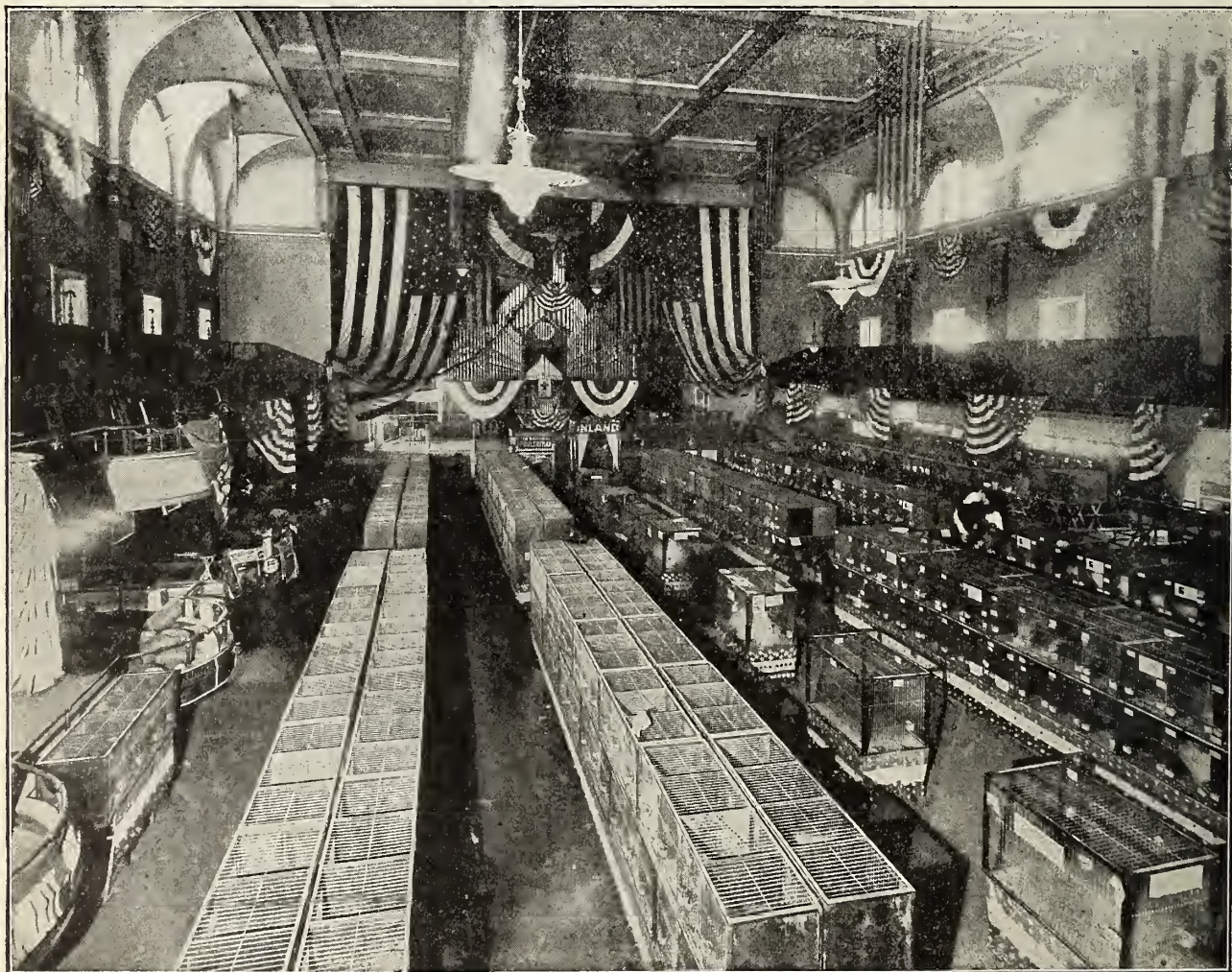
Everybody has a method of handling the old hen for hatching, but a brief outline of another plan, even if it is largely like others published in *THE INDUSTRIOUS HEN* recently, will not do any harm. Watch your hen, and as soon as she begins to get broody, dust her carefully at night with a good insect powder or dry louse killer. The next day, if she is located where you wish to set her, put your eggs under her. If you wish to move her, better wait until nearly night and then darken the nest for a day after she has been given the eggs. The best way is to have a separate house for setters and it will pay you to prepare for handling them the best way. The house can be divided into smaller rooms and from five to ten hens in each room, all hens in the same room set as near the same time as possible, so you can test out the eggs at the same time and start one or more hens on new eggs if there are a good many infertile ones. A run-way four by twelve feet will take care of five setting hens

very nicely, and by putting water, feed in hopper, grit, green feed, and oyster shell in the runway or room, the hens can be confined there all the time and the danger of the hen getting away from her nest and "quitting" lessened. There is always some danger of contrary hens getting on wrong nests, but at this time of the year if the runs are visited as they should be daily, the air is so warm that no harm will result until the attendant comes along and puts her contrariness back where she belongs.

In making the nest, do not have it too rounding. Make it rather flat, using wheat straw or fine hay. Do not use too coarse hay or weedy hay. The best place to make a nest is down on the ground, surrounding it with blocks of wood about six inches high. Nail three of these together and nail to the wall for the fourth side. Test your eggs about the sixth day, unless you are an expert or have white eggs and can then tell on the fourth or fifth day as to fertility. Take out all infertile eggs, and if you have started several hens setting on the same day, as above stated, you can reset one or more.

If the eggs at any time become filthy, wash them off with milkwarm water. If the weather is chilly, dry them with a cloth before putting back under the hen. About the eighteenth day, put the eggs for a short time in water as warm as you can stand your hand in comfortably. This will help the shells to loosen up and keep down chicks "dead in the shell." If your hatches are poor, you can give the chicks from two or more hens to one and start your hen setting again. From fifteen to sixteen eggs are enough for a hen, and a hen can care for 18 to 20 chicks easily.

Don't feed your little chicks, as stated last month, for thirty-six to forty-eight hours and let their first feed be a little fine grit. After that feed them cracked wheat and corn.



Indianapolis Poultry Show, February 2 to 8, 1907. Note the elegant decorations and excellent lighting.



or prepared chick feed. Never feed a small chick mash of any kind. Always cook mash if it must be fed to the chicks. Keep the old hen fastened up in a coop for the first week, and after that keep hen and chicks up for a few hours each morning if there is a heavy dew.

Some, who are not very successful with brooders, use incubators and hens in combination. A number of hens are set at the same time the incubator is started, and when the hatch comes off the hens are given the entire lot. Hatches and testings together usually reduce the hatch to about 60 per cent of the eggs started, and that can usually be used as a safe basis to figure from. Another very good method is to run the eggs in an incubator until the 11th day and then after the second test out, put the sure fertile eggs under the hens

and start the incubator on new eggs. These are ways that some use to avoid brooder raised chicks, but with the modern brooder, the chicks are as healthy and vigorous as hen-raised chicks.

Don't forget to order those eggs if you have not already done so. You have perhaps not been satisfied with your own strain and want another, or you want a "cross"—to stop inbreeding. Then this month is the ideal one to order your eggs. Eggs are a good way to get a start of thoroughbred poultry and this is the ideal month to handle them—neither too hot nor too cold.

The March warning to look out for lice and mites must be repeated this month. The extra warm weather of March has caused vermin, if neglected last month, to increase very rapidly.

## COMPARISON JUDGING AND WHY IT IS BECOMING POPULAR FROM A JUDGE'S STANDPOINT

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE F. J. MARSHALL



**T**HAT the *comparison* system of judging is becoming more popular at the larger shows of the South and West during the past season or two no one can question. There must be some good reasons for this change of base. Viewed from my standpoint as a judge, and having placed or assisted in placing the awards at the leading shows of the South the past show season, I concede the following points as being responsible for comparison demands: The first reason

usually given by the officers of an association for making the change from score card to comparison is that it facilitates the work of getting up the awards during the first days of the exhibition and admits of the exhibitor making the most of the advertising to be derived from it. This is a very sensible proposition, and it alone should be sufficient to cause the change, other things being equal.

In the mind of a judge the question arises, can the awards be placed quicker by comparison than by the score card? This is undoubtedly true under proper conditions, but under other conditions it would not be any more speedy. Where the show is cooped carefully under strict classification, not more than two specimens in a single coop, and they in the same class for judging, hens or pullets, etc., as the case might be, and all coops plainly numbered. What we mean by strict classification is getting all the pullets together, all the hens together, etc., to avoid any running about to compel the carrying of ideas from one part of the house to another. Under these conditions with good light, comparison judging can be made very speedy, and much more so than the score card. Another reason and one perhaps of greater importance than that of speed is that which is caused by a change in show conditions in recent years. It is from the fact that where in years past a class contained but few tip top birds, those which were entitled to a high score, the remainder of the class would range along at various points of the scale to ten points below the highest one. This has been materially changed during recent exhibitions in which the leading classes contained bird after bird of the highest exhibition quality which under the popular way of applying the score card it is no uncommon thing to see three, four or even more birds tie in score for the same place. This could not well be avoided unless small fractions of a point were used in making cuts, and that would be too much like splitting hairs and cause an endless amount of work for the clerks. There seems to be no really satisfactory way of breaking a tie if the weight clause does not settle it. The question very naturally comes up, why so many of these top-notchers? It is due to the fact that the poultry business has grown so marvelously and especially among a class of business men who, when they attempt anything of the kind, nothing but the best to be had will satisfy them. The result is these breeders have become so numerous in many sections that when an exhibition is held there is a gathering of quality such as would have required the combined forces of at least a half dozen such shows as held ten or fifteen years ago. With these facts to face it is no trouble to see why so many specimens are in a class score practically the same. Breeders demand a decision. They want to know which one should receive the award of first, second, third and so on. They are entitled to the best possible consideration, and we feel that the most satisfactory way to arrive at a decision is by the comparison method.

In comparing specimens of much the same quality, little

points of difference can usually be detected which, under the score card system would seem of too little significance to cause a cut, thus throwing them into a tie.

The third and very important reason for demanding the comparison show is the lessening of the changes for errors or mistakes to occur. There are chances for errors at every turn when the score is used, and especially is this true at exhibitions where there are great numbers and the judges are hurried; they in turn hurry their clerks; the secretary and his force are all admonished to hurry, and it seems to be a hurry scheme from start to finish. With comparison, if the proper kind of duplicate entry or coop tags are used, the judge making his awards on each portion of the card, tearing off one part for the secretary, the other remaining upon the coop for placing the ribbons, there seems to be very few chances for errors and mistakes to appear. I have always been a champion of the score card system of judging, and I am yet where conditions are as they were in times past. I think the score card will do the most good at local shows where the majority of the exhibitors are beginners and not fully aware of the quality of their stock, what it will score and so on. The card is a great educator at such times and places and sets breeders to comparing their stock with that of others by the cards which very naturally tends to raise the standard of excellence in that locality. The card is also of advantage to breeders who exhibit a great number of their best sales birds and desire to sell them by the card. I would like to see the views and ideas of most experienced breeders as to what they consider the best methods for conducting these comparison shows, or in fact any kind of poultry show.

[Judge Marshall's article is to the point and very timely and as he has suggested, we invite the opinion of others who have had experience in breeding and in judging shows.—ED.]



One of W. H. Cochrane's (Bristol, Tenn.) Prize Winners; 1st at Knoxville, Bristol and Nashville.



## FERTILITY IN EGGS

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE J. CLINTON CLIPP

**H**OW to obtain high fertility in eggs is the all important question with every up-to-date poultryman. It seems as if the prospective buyer is doubtful of the fertility of the eggs in the majority of breeders' yards. However the majority of breeders are just as anxious for eggs to hatch for their customers as for themselves. Yet, at the same time in a great many instances they do not, and why they do not is one of the hidden things yet unrevealed.

We are of the opinion that if the lice question was solved, customers would experience a greater per cent of hatchable eggs. A great many times eggs would have hatched for the buyer as well as for the seller if they had overcome this one great difficulty. Free your hens and quarters of lice and give the setters plenty of wholesome food while incubation is in operation and your troubles will be of short duration.

The breeder that finds his eggs infertile should take prompt action toward fathoming out the real cause. For several years we found that the following methods almost invariably proved successful in obtaining high fertility in eggs:

Several years ago we noticed that a certain farmer of our community was hatching almost every egg he set. We also observed the hens were given unlimited range, while at the same time they were fed on anything and everything. Corn was at their option as well as all sorts of grain raised on the farm. We quickly arrived at the conclusion that if this farmer did not have free range for his birds he would never succeed in hatching a single chick, and from years' experience in breeding fancy fowls we have decided our decision was about correct. We manage some way to give our matings unlimited range, a few hours each day, liberating the pens at intervals and find our eggs as a rule prove fertile. We are frequently asked if inbreeding for a number of years would cause infertility in eggs. We are frank to say if this would not cause infertile eggs we are at a loss to know what it would require. Inbreeding will not only cause infertile eggs, but will produce birds ill-shaped, under size, off in color, deformity, insanity, in fact all manner of weaknesses. We look at such breeding of fowls as being brutal and a violation of natural laws. No breeder or farm poultryman could hope to produce high fertility in his eggs by continually inbreeding his fowls for a number of years. The better plan is to rid the quarters of lice and change males at least every two years and obtain only well matured males to head the flock. It seems as if a great many prospective buyers of eggs for hatching expect one hundred per cent of the eggs he buys of breeders to be fertile, but such results should not be expected. We very often have a setting of fourteen eggs to produce fourteen lively chicks, but such results are rare, we will admit, consequently no purchaser should expect eggs that have been shipped to produce better results than eggs that have been carefully handled and set in the breeder's hands. We give our fowls special attention during the winter, especially the females and males we expect to use for breeders the coming spring, using special effort not to have them lay heavily through the winter months. They are then in prime condition for spring laying with high fertility.

We give special attention to our fowls throughout the breeding season; study our males early in the season and select only such birds as show pronounced vigor, strong, well development. A great many breeders have a weakness to sacrifice everything for color. We can not do this. If we do we soon run ashore. Personally we want strong, well-matured males that are ambitious, gallant; in fact, males that will apparently give their lives in defense of the females. When your females are headed by such males your eggs are almost absolutely sure to be fertile. Another thing. We do not allow our males to run at large with the hens until near the breeding season. Then we have the males fresh, active and vigorous. We keep the breeders free from lice by spraying them with kerosene emulsion.

It is a fact that the feed has a great deal to do with high fertility in eggs. We have been asked repeatedly how we feed our breeding stock, which we take pleasure in answering. The following method proves most successful here in the North:

During the breeding season we feed a mash, consisting of two parts bran and middlings to one of corn meal and blood meal, seasoned with just enough salt to be palatable. We feed this mash at night about an hour before sundown and clean

the drinking vessels and provide pure, fresh water with a few drops of carbolic acid added, as a germicide and disinfectant.

We feed the mash at night for the reason if it is fed of a morning the hens would fill their crops and prove less active, rendering the eggs more or less infertile. Of mornings we feed threshed oats or wheat in litter and give them free range a few hours each day. In breeding exhibition specimens and heavy laying strains it is necessary to yard the fowls. Our matings are made up with the utmost skill and care, using nothing but the very highest type specimens possible to obtain. With this feed and management we have no trouble in securing a high per cent of fertile eggs and the highest quality of fowls. Very frequently we have a male that is so gallant with his females that he will not eat, but calls all the hens up and invites them to help themselves, simply declining to eat a single grain, consequently his condition is so impaired by starvation that his progeny will be so weakened as to cause a great many of the embryo to die in shell, while those that are strong enough to break the shell and "pip" soon die. This one feature should be well looked after by every breeder. We find to pen a male of this kind in sight of his females, placing another male in the pens in his stead proves most successful. By leaving the bird cooped and fed carefully for a few days he becomes active and simply so "jealous" of the other male that he will eat and do much better when released. A few doses of cayenne pepper will prove a great stimulant to a male that is weakened by his gallant affections. All these several features should be well looked after at this time of the year in order to obtain the highest fertility possible to obtain in eggs intended for hatching purposes. Lice, perhaps, cause more infertile eggs in the average flock of fowls than any other one thing. While at the same time over fat breeders will render eggs infertile.

### AN EGG IS AN EGG

*Written for The Industrious Hen.*

But what kind of an egg is it, is the question. Is it a bad egg or a good one? Is it a fresh egg or a stale one? Is it from a half starved hen, mostly water, with scarcely any nourishment in it, or is it a fresh laid egg from a good fat hen that is fed on good, sound, rich food, full of nutrition? If it is the latter kind it is worth one-half as much more as those from a half-starved hen. There is as much difference in the quality of eggs as there is in skimmed milk and cream; or a poor, half-starved chicken and one that is nice and fat. But the idea prevails that an egg is an egg, so it is wrapped up in a shell. The time is fast coming that we will learn the difference in the quality of eggs as we are learning the difference in the quality of the meat of different breeds of thoroughbred poultry. Feeding a hen is like feeding a threshing machine. You can't feed spoiled and rotten grain into a thresher and get good sound flour, nor can you feed a hen on that kind of grain and get fine flavored eggs. If you think the feed has nothing to do with the flavor of the egg, feed your hens for a few days on onions, or give her a liberal dose of oil of sassafras in her feed for three or four days and see the flavor of her eggs. There is no cheaper and better feed for chickens than good sound grain or mash for health and eggs.

Have your yards facing the southeast (by all means) and feed a good warm mash well seasoned with salt first thing every morning, and scatter some small grain in a large shed facing the southeast, where there is about six inches of straw or leaves and you will certainly get eggs, if your stock is any account. If you do not you had better make a change in your stock, but don't expect them to lay when your yards are facing the north, northeast or west, where they get the full benefit of the cold winter winds. If you do you will get left and must not blame your chickens as they must have the proper location or they will do no good.

H. C. AUSTIN.

### NO STRINGS TO IT

There are no strings to our cash prize proposition. It is plain, open-and-shut—you do certain things and so do we. Everybody can work at it. The entire family may solicit and combine their list under one head before it is sent in. Soliciting may begin at any time—the sooner the better. THE INDUSTRIOUS HEN's Summer Subscription Campaign circular will be sent on request.



# HATCHING AND REARING CHICKS

WRITTEN FOR THE INDUSTRIOUS HEN BY REV. J. A. THORNHILL



THE first thing to consider, kind reader, is where we get our eggs for hatching—if at home, or abroad; also in what condition the parent stock is, and have been for the past six months. If we take eggs from our own yards for hatching and they fail to prove satisfactory we lay the blame to our own stock. But again, we get eggs from some well known breeder, and they fail to hatch, then we have some one else to blame. Don't blame your

stock or the person's stock you get your eggs from, until you are sure you have done your part.

First in mating your birds you must know each bird's breeding, and use only the best you have. Then make a careful selection of the eggs, not using too small, too large, or poor shaped eggs. Feed your hens for fertile eggs. Look up your January number of THE INDUSTRIOUS HEN, and you will find on page 284 an article on feeding for fertile eggs, a very good one, too.

We will take fifteen good shaped eggs from such bird not over two weeks old, that have been turned every day since they were laid, and we will take a box eighteen inches square, and place three inches of dirt in the bottom, then use fresh straw to finish the nest. Place it in a cool outhouse, where the hen will not be bothered by other hens laying with her. When the eggs begin to hatch don't bother her for twenty-four hours, during which time your hands will do much better away than among the eggs. Do not assist any chick out of the shell, for such chicks seldom live, and if they do, will be of little good. After the hatch is over place them in a warm brooder.

Don't feed them anything until they are twenty-four hours old, as it will do them more harm than good. For the first feed give them what they will clean up quickly of some high grade prepared chick food. There are many chick feeds on the market. That will start your chicks better than the feed you prepare at home. Feed only what the chicks will clean up quickly; not enough rather than too much, except at night.

Keep clean, fresh water before them all the time, plenty of sharp chick grit, also granulated charcoal—the latter aids digestion. Give them fresh buttermilk—skimmed will do much better, but look to it being fresh. Do not overlook green food of some kind. Never let them out until the dew is all off the grass.

The diet of the little fellows should be varied. Bear in mind that young chicks are forming flesh, muscle, bone, and feathers, at the same time. No one food will answer for all these requirements, especially corn—wheat is good. Be care-

ful that all chicks get their share, if some fail they will develop into culls. Don't feed the large and small ones together.

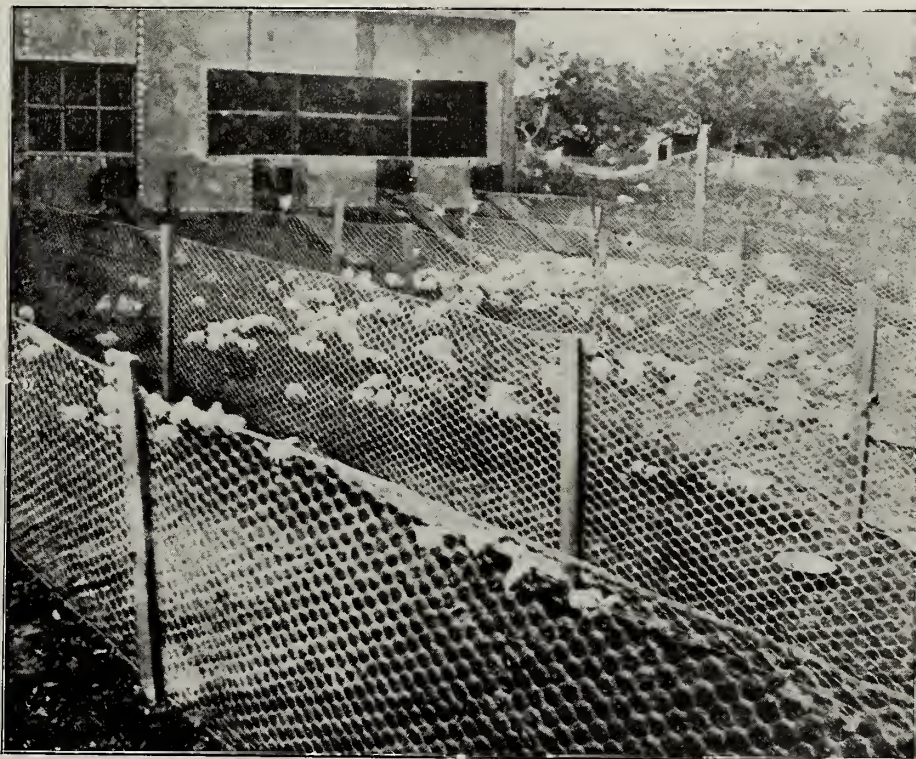
Never place too many chicks with one hen, especially in early spring, as on a cool night she can not cover them all. The result is, chilled chicks and they will be weaklings for life. A young chick's necessities are warmth, light, pure air, clean water, a variety of food and clean quarters. Feeding chicks too much, and always of one food, is a sure cause of diarrhoea, and most cases death.

Do not place the coop in the hot sun. Always look out for lice. They are death to young chicks. Never put grease on a hen while setting. But it will do after she is done with the hatch.

Let's take up hatching again. In placing eggs under a hen, you must depend upon her to do her duty. Restless, nervous, hens; hens that go from their nest often and stay longer than they should are not good for setting hens. So many jump on and off the nest and in this way disturb the eggs. When you fail to get a good hatch, turn to the seller with kind words.

Tell him just how you set, and handled your eggs, and nine times out of ten more than satisfaction will be granted you. Seldom, if ever, will he return words of rebuke for those of kindness, which they fully appreciate. Kind presentations of all usually bring about good results. So let's not blame the breeder every time. We were all beginners once.

Let's take up our chicks again. How to keep young chicks growing is the rub with all poultrymen. A stunted chicken never amounts to anything. It is the early hatched, well fed pullets that lay early in the fall and winter, where you raise



Partial View of Brooder House of B. A. Hastings, Gallatin, Tenn.

for eggs alone, not caring for breeding birds. There are two processes of feeding. One is to rush them through for early eggs; the other for breeding stock. You can't rush breeding stock on fattening foods and get good results. To feed breeding stock to make them grow to maturity, in the best possible physical condition is the problem. To grow them a variety is necessary—one grain alone will not do. The chicks become tired of it, and as a result will not eat enough to sustain life, and promote the growth you would like them to have. They must grow every day from shell to maturity, if they make what we want for our breeding yards.

It is altogether useless for any one to pay a fair price for eggs and expect to get sound, vigorous, healthy "chicks, pullets and hens," if you do not intend to take good care of them. You can't feed, water and care for them this week, and then neglect them two weeks, and do any good at the business. We can't get something out of nothing. So to keep our chicks in good condition we must be on time with everything—water, feed, grit, charcoal, clean quarters, plenty of shade, green food of some kind, plenty of exercise, no lice, good treatment, and everything done on time.



## HOW TO HANDLE AND FEED LITTLE CHICKS

WRITTEN FOR THE INDUSTRIOUS HEN BY W. W. KULP



It would be interesting to know what per cent of the little chicks hatched live. I would guess that nearly one-half of them die. Perhaps it is better as it is, for now those who through care raise a large per cent get a good reward, and rewards should go to those who earn them. It seems a pity though that so many die, and at times we are at a loss to know the reason why. I have known men to raise successfully most of those that they put in brooders and were confident that they knew how to do the trick, when the next year, under the same rule and seemingly the same condition, they almost all died. I would account for the loss by saying it was some disease that succeeded in getting into the building.

In producing chicks in large numbers I think this is the greatest danger. I know a case where a fowl with the roup or cold was taken in the brooder house and in a few days the chicks began to die. Many were lost. In such a case the cold attacks the bowels instead of the head passages as in the old bird.

It is well to begin caring for chicks a year before they are hatched. The eggs should be from fowls that have been well raised. By well raised I mean kept growing from the egg until they are fully grown. Set the eggs when they are fresh, if under a hen dust the hen twice with tobacco dust or insect powder so the chicks will not be killed by lice. If it is winter put the hen in a sheltered place, and on as clean a ground as you can select. Nearly all of us have some part of the farm that seems to suit best to place the coops on. It may be handy to feed on account of being near, or the ground may suit so well, but no matter after you have chicks there twice or three times at most you will find that they do not do so well. The trouble is the ground is full of poison from the droppings. Some say dig it up. That will help some, but not near clean it as much of the trouble is merely buried. I select another part of the farm, no matter if it is farther to walk, it will pay.

Let the old place grow rank with weeds. There is nothing better to eat up all the bad than the weeds unless it is suitable to farm, then put corn in it. That will clean it and give you some of the very best feed to mix with other food.

If you raise chicks from a large flock I would try to have them all out that I needed for the season as near one time as possible. You can care for them better and the late ones are not pushed aside by the earlier ones. If you breed from a few pens you will have to set during most of the season. I would try to put the later ones in a place by themselves.

I like the dry feed for the hens, adding some mixed mash later, if they do not have a run where they can get insects. Chicks with good hens can bear more neglect than with a brooder. A good hen is a good brooder; remember that a poor one is a very poor one.

For the brooder chicks a little extra exact care during the first two weeks or ten days is the price of chicks raised. I am very much in favor of a warm room for the first two weeks in winter and some warmth for some weeks later, but remember this at the end of two weeks you *must* let the chicks in the outer air and sooner, if weather is medium cold. Chicks can be raised out in the cold, but you will miss it often. It would not pay to risk it in large numbers.

My way, I like best, is to put fifty chicks in an open brooder in a room that can be kept as warm as a living room. Let them stay there two weeks, then move where they can run into the outer air whenever they wish and back to the partly warmed room and into the brooder at will. If you do not let them out in the air you will have them down with leg weakness about the third or fourth week. I knew but one man who could raise them indoors without it. I have seen many try it and fail, myself being one of them.

I feed for the first feed dry mixed commercial feed. I add some wet commercial feed for a change and about the fifth day I begin to give them bits of sweet boiled meat. I say

sweet to make sure you will not give them any that would be too old for you to eat yourself. I like to take a bone with some meat on it and after having it boiled let the chicks pick it off. It will give them fine exercise and the very best of feed at the same time. I know for a surety that many chicks die the first weeks for want of feed that they can readily put on their little backs. If you feed all wheat and cracked corn it will do fine where they can run and get a few worms to put with it and nip some new grass that is full of vitality gotten new from the sun. You will readily see that chicks that are out of the sun and have not the worms and the new grass are at a great disadvantage over those that have it and you must supply something that will tide them to the spring-time and warmth. I know nothing that will do it as well as good sweet beef. I am a firm believer in plenty of feed too. I let them have the dry before them at all times and have raised brooder full after brooder full with almost no loss, so I know what I am teaching. I put ground glass before them and fine charcoal.

I consider ground glass very helpful, as it is a sure grit. Mr. Cooper, who is one of the very best authorities on brooder chicks, has seen improvement right away when chicks were not doing well, and they were weak in digestion.

For green food I like cabbage if I have any at this time. Oats sown in boxes makes very nice food. They can be set in the pens and the chicks will help themselves. I have used potatoes for small lots—taking whole potatoes and cutting them in small squares right to the chicks.

Brooders and houses should be soaked with some disinfectant before each season, for the most danger is from the accumulation of evil, or some malady may develop that will not kill the chicks at the age it finds them when it first comes, but if it starts in the week old ones the next season will kill them nearly all.

### A CONUNDRUM

*Editor Industrious Hen.*

I have read, time and again, many articles about hopper feeding of chickens, one of these in your last number.

Now, I wish to say that I am entirely in favor of this style of feeding, as I have tried it for several months and have obtained most satisfactory results.

But—and here comes the rub—I found that the sparrows were eating more feed than my chickens. So much so, in fact, that, as much as I regret it, I had to give up hopper feeding. I have sat for hours shooting and killing these pesty sparrows and making pot-pie of them and finding them fat as butter balls.

Now, could not some of your contributors suggest some plan by which hopper-feeding could be practiced, but for chickens only and cutting out the sparrows.

Wishing your good paper continued and increasing success, I am,

Yours very respectfully,

P. M. COMMAGERE.

### A BUFF ORPINGTON EGG RECORD

B. S. Horne, Glenview Orpington Farm, Keswick, Va., sends us the record of his trapnesting of Pen No. 2 of his Buff Orpingtons from January 6 to March 1st. During January he had 11 pullets and they laid 131 eggs, an average of 11.10-11 each. They were fed 150 pounds of grain which cost \$1.75. Green bone, as much as required, was also fed, and this cost nothing except the labor of grinding, and was not estimated in the cost of maintenance. An abundance of skim milk was also fed, and also was not estimated in the cost of maintenance, as the skim milk on the Glenview Farm goes to chickens instead of pigs. During January the 10 11-12 dozen of eggs produced brought 18 cents a dozen, a total of \$1.96, making a clear profit of 21 cents for the 25 days the birds were on record. One bird was out of the pen after January 21. During February, only ten pullets were in the pen. They produced 147 eggs, an average of 14.7, which sold at the same price, \$2.20. The cost of feeding was \$1.75, and was similar to last month. The grain was equal parts wheat and cracked corn, and fed dry in feed hoppers. The net profit for February was 65 cents, or .065 cents a hen. Mr. Horne reports his greatest difficulty in using trapnests is the hens untrap themselves and thus the great value of the trapnesting is destroyed.—*Ed. Industrious Hen.*



# JUDGING MALE SINGLE COMB BROWN LEGHORN

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE D. M. OWEN

*Symmetry* is a harmonious combination of all the parts, in such a manner as to produce the true shape or type of the breed being judged. The usual cuts for symmetry in specimens now shown are  $\frac{1}{2}$  to  $1\frac{1}{2}$ . We seldom ever find a specimen deserving a cut of over  $1\frac{1}{2}$  in the show room. In Leghorns the cuts for symmetry are usually for tail carried too high,  $\frac{1}{2}$  to  $1\frac{1}{2}$ . Legs too short  $\frac{1}{2}$  to 1. Breast not full enough  $\frac{1}{2}$  to 1. A very good way to make the cut for symmetry is to leave it until you have gone over all the other sections, and then if you have cut the sections producing symmetry (neck, back, tail, breast, body and fluff and legs) all together not over  $1\frac{1}{2}$  for shape, cut symmetry  $\frac{1}{2}$ ; if you have made cuts in these sections amounting to 2 to 3, then cut symmetry 1, and if over 3 cut symmetry  $1\frac{1}{2}$ . By adopting this plan you will get the cut for symmetry about right.

*Size*—If under size for a Leghorn cut 1. I seldom ever make a cut of less or more than one for size. If the specimen is so small as to deserve a cut of  $1\frac{1}{2}$  for size, he is unworthy in my opinion of being in competition.

*Condition*—If bird is sick, droopy and apparently in bad health cut 1 to  $1\frac{1}{2}$ . If feathers are broken or soiled cut  $\frac{1}{2}$  to 1. If shanks are rough (scaly legs) cut  $\frac{1}{2}$  to 2.

*Head and Beak*—For long game shaped head cut 1; wrinkle face  $\frac{1}{2}$  to 1; white in face of cock  $\frac{1}{2}$  to  $1\frac{1}{2}$ ; in face of cockerel, disqualify. Beak too small or straight  $\frac{1}{2}$  to 1; crooked beak, disqualify.

*Eyes*—If not bright red,  $\frac{1}{2}$  to 1. It is important that the male Leghorn's eye should be bright red.

*Comb*—Is one of the most important sections in the Leghorn and is given 10 points; if too small or too large or if rough in texture, uneven serrated, or has thumb marks it mars the beauty of the specimen very much. I prefer a comb medium in size for a Leghorn. The Leghorn's comb is large as compared with combs of the American and Asiatic classes. If more or less than five points cut  $\frac{1}{2}$  for each over or under; if any thumb marks 1 to  $1\frac{1}{2}$ ; coarse in texture  $\frac{1}{2}$  to 1; if comb is too small for a true type of Leghorn comb cut 1; if too large cut 1; if the rear of comb fails to set back straight from head, turning to either side,  $\frac{1}{2}$  to 1; the lower part of the rear or blade of comb should set back on a horizontal line with top of head; if it drops below that line inclined to follow the neck, cut  $\frac{1}{2}$  to 1; if it stands up too high  $\frac{1}{2}$  to 1; if rear is pointed or forked cut 1; if serrations are uneven  $\frac{1}{2}$  to 1; if lopped (see page 17 of Standard), disqualify.

*Wattles and Ear Lobes*—If wattles are coarse in texture,  $\frac{1}{2}$  to 1; if they fail to fold back smooth and even,  $\frac{1}{2}$  to 1; if too small,  $\frac{1}{2}$  to 1; if uneven in length,  $\frac{1}{2}$  to 1; if torn or frosted,  $\frac{1}{2}$

to  $1\frac{1}{2}$ ; if lobes show any red,  $\frac{1}{2}$  to 2; if over half red, disqualify; if too small or too large,  $\frac{1}{2}$  to 1; if wrinkled,  $\frac{1}{2}$  to 1.

*Neck*—If not long and well arched  $\frac{1}{2}$  to 1; if not full at base,  $\frac{1}{2}$  to 1; if light undercolor, 1 to  $1\frac{1}{2}$ ; if the color is not brilliant red from head to base of neck,  $\frac{1}{2}$  to  $1\frac{1}{2}$ ; if the stripe is not clear black and fails to point out before reaching end of feather, 1 to  $1\frac{1}{2}$ ; if the neck shows a lemon colored ring round lower part of hackle, 1 to  $1\frac{1}{2}$ ; if the lower part of hackle has a dark or smutty appearance, 1 to  $1\frac{1}{2}$ .

*Wings*—If carried too low or not well folded,  $\frac{1}{2}$  to 1; if the wing bows are not clear red, but have some black mixed with the red, cut  $\frac{1}{2}$  to  $1\frac{1}{2}$ .

*Tail*—If carried higher than at an angle of midway between a horizontal and an upright line, cut  $\frac{1}{2}$  to  $1\frac{1}{2}$ ; if carried lower than this,  $\frac{1}{2}$  to 1; if wry or squirrel tail, disqualify; if sickles are missing,  $1\frac{1}{2}$  for each; if tail is not full and well spread, but carried whipped or game shaped,  $\frac{1}{2}$  to  $1\frac{1}{2}$ .

*Breast*—If not full and round,  $\frac{1}{2}$  to  $1\frac{1}{2}$ ; if not glossy black and free of any foreign color,  $\frac{1}{2}$  to 2; if any red or foxy lacing or specks,  $\frac{1}{2}$  to 2.

*Body and Fluff*—If any red or foxy color appears,  $\frac{1}{2}$  to  $1\frac{1}{2}$ ; if keel bone is crooked  $\frac{1}{2}$  to 1; if fluff is too scant or too full  $\frac{1}{2}$  to 1.

*Legs and Toes*—If legs are short, failing to show in profile below body, when viewed in profile,  $\frac{1}{2}$  to 1; if too long, like a B. B. Game,  $\frac{1}{2}$  to 1; if the shanks are not rich yellow,  $\frac{1}{2}$  to 1; if any other color but a yellow or a pale or faded yellow, disqualify; if any feathers or stubs on shanks or toes, disqualify. And the Standard should also disqualify for down on toes, but it does not; crooked toes,  $\frac{1}{2}$  to 1; for down on toes,  $\frac{1}{2}$  to 2.

White in any part of plumage, except undercolor of hackle and saddle, and one inch or less at base of sickles and one-half inch or less at base of primaries in cocks, disqualifies. White showing in the excepted sections of cocks to be cut  $1\frac{1}{2}$  in each section found. Gray in any part of plumage of Brown Leghorns should also disqualify—the present Standard does not disqualify for gray, but a male Brown Leghorn showing much gray in plumage in the hands of a good judge of Brown Leghorns had just as well be disqualified as to get the low score he will receive.

Purple barring, is often found in stripe of hackle and saddle, and in the wing coverts and sickles of the male Brown Leghorns; for such purple barring you cut  $\frac{1}{2}$  to 2 in each section same is found.

As I said, in a former article on judging Barred Rocks, I write this article with the supposition that you have a copy of the Standard in your hands as you follow me in this article; to the Standard you can refer for description of each section. I give you my mode of judging or cutting for defects found.



One of the Breeding Pens of B. A. Hastings, Gallatin, Tenn., Showing His Beautiful White Wyandottes.





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**Vol. 3** **APRIL, 1907** **No. 11**

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited. The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

#### Your Address

On the wrapper or cover indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "Apr. 7," it means that your subscription is paid to April, 1907, and unless renewed will be discontinued after that date.

#### ADVERTISING RATES

Furnished on application. The value of THE INDUSTRIOUS HEN as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertion in the issue of any month, should reach this office

#### Not later than the 25th of the month preceding.

BREEDERS' CARDS—2½ cents a word each month for one, two or three months; 2 cents a word each month for four or more months. A 25 word card will be run six months for \$2.50, one year for \$4.50. A small cut illustrating a breeder of 25 words or more will be used for 50 cents additional. Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and cash must invariably accompany the order.

THE INDUSTRIOUS HEN reserves the right to reject any advertisement for cause.

The attention of our readers is called to the large and varied list of newspapers, books and magazines we are offering at a greatly reduced price in our **Reading Reduced.** Clubbing List for 1907, published elsewhere. One may get all the reading they desire at much less than by subscribing for each separately. We will make a clubbing price on any selection not listed and save you money.

\* \* \* \*

Reports from a number of breeders show that the fertility of eggs is rather low this year and that the egg shells are inclined to be extra thin. These **Thin Egg Shells.** complaints are more than common this year. An explanation can doubtless be found in the fact that the flocks where the fertility is low have been laying heavily all winter. This also has its effect upon the thinness of shells unless an abundance of lime in the form of oyster shell or bone is given the fowls.

\* \* \* \*

The poultryman at the University of Tennessee farm, Mr. James Tyler, who has been at Cornell University, Ithaca, N. Y., taking a special course in poultry culture under Prof. James E. Rice, is again on duty at the Farm. Hereafter he will have exclusive charge of the article on our first page, "Poultry Experiments" and will prepare not only the detailed report, but also the comment for the body matter, a pleasant duty which heretofore has devolved upon the editor of THE INDUSTRIOUS HEN.

This issue contains a very thoughtful article on score-card and comparison judging by Judge F. J. Marshall and gives some reasons why the comparison system is becoming more popular. The exhibitors of the country should read and think over this timely article. Judge Marshall officiated at a large number of shows the past season and he has a good right to know the trend of the best opinion on judging.

\* \* \* \*

Subscribers sometimes allow their subscriptions to expire for a few months and on renewing ask for back numbers during the missing period. **THE INDUSTRIOUS** **Renew Your** HEN is always glad to accommodate these **Subscription.** friends when the back numbers are available, but the demands on our back numbers are becoming so heavy that we will have to discontinue the practice. So if you wish every copy of THE INDUSTRIOUS HEN, be sure and watch the label on your paper and renew promptly when your subscription expires.

\* \* \* \*

THE INDUSTRIOUS HEN readers may again congratulate themselves on the addition of another valuable feature to its pages—free legal advice. Mr. Clarence **Free Legal Advice.** W. Barber, one of the best known young attorneys of the Knoxville bar has kindly consented to become responsible for this department and assist our readers in keeping out of trouble. Questions of a legal nature on which advice is sought will be given free—the answers published. If an immediate reply is necessary the request should be accompanied by a postage stamp.

\* \* \* \*

We regret very much that our advertising forms were closed this month before all the copy for advertisements were in. This means not only a disappointment to our customers but a loss to us as well, and we now urge all who desire to get in the May issue that copy should be in our hands by April 25. We have endeavored to issue promptly on the 1st of every month, but on account of the extra work entailed by the large amount of advertising and the thousands of new subscribers we begun to drop back a few days, and are just now catching up again. Send in your copy for changes as soon as this issue is in your hands.

\* \* \* \*

Announcement has been made that the Tennessee State Fair will be held this year September 23 to 28th inclusive. This is the week before the Illinois **Tennessee State Fair.** and the week after the Kentucky Fair. The State Fair last year was the most successful of any ever held in the South, and it was the first State Fair held in Tennessee, too. The poultry department was an especially attractive part of the Fair. An effort is being made to secure an appropriation from the State to help pay the premiums offered, but whether this movement is successful or not, the progressive business men of Nashville will rally to the support of the Fair and the coming one will doubtless exceed the very successful one of last year.

\* \* \* \*

An increased subscription list means more than a few dollars in the pockets of the proprietors of the publication. It means first that the opportunity of giving to its **What Does** readers a larger and better journal has been **It Mean?** materially increased. It means more writers, more readers and more and better education to those who are groping in the dark. It means financial success to the breeder who studies its pages and profits by them. But it means more to the advertiser, unquestionably, than to any one else. To him it means a greater acquaintance, more friends, more customers and larger sales. It means fame, glory and ultimate success. Therefore every advertiser is vitally interested in the circulation of the journal in which he advertises. He



should interest himself enough to see that all who come under his influence, by mail or otherwise, are readers of this journal. A word or an act at the right time is all that is needed. In this connection we would call the special attention of every advertiser to our Grand Cash Prize subscription campaign, and request him to see that some one in his community is allowed to compete for one of these prizes. This would mean more than four hundred club raisers in the interest of our advertisers. Every good word spoken now is like bread cast upon the waters.

\* \* \* \*

A large number of subscriptions have been received since our last issue. Hundreds have renewed, many have taken advantage of our attractive clubbing offers, and many also of our special offer of *three years for \$1.00*. None of these propositions, however, can be considered in connection with our Grand Cash Prize offer, which it will pay you to read on page 469 of this issue. We are proud of the fact that our subscription list is growing so rapidly, and prouder still of the many hundreds of letters we have received from subscribers and advertisers alike, extolling the virtues of THE HEN from the standpoint of a literary poultry journal, and as an advertising medium. We have striven hard to bring this publication to its present standing, and we desire here to express our gratitude to friends who have stood by us, and who have a personal pride in being identified with a successful venture. But our zeal must not lessen. We are continually on the alert for something of interest to our readers and of value to our advertisers, and we make this special appeal to all who read this to speak a good word for THE INDUSTRIOUS HEN to a friend who is not a reader and ask him for a one or three years' subscription. If every reader would send us just one new or renewal subscription it would mean many dollars to every advertiser. Ask him now if he is a subscriber to THE HEN.

\* \* \* \*

Wasn't that March issue of THE INDUSTRIOUS HEN a regular beauty? Did you notice the large amount of reading matter and the great variety of the selection? Did you notice how thoroughly it covered the entire field of poultry culture? Did you notice what is very important to the business office, the large amount of advertising carried? Don't think we are going into the self-praise business too extensively, but so many favorable comments have been made on that March issue that we just must say a little. One well known Southern breeder declares our March issue contained enough of itself to enable a beginner to run his poultry yards successfully even if no more information was obtainable. A prominent Eastern breeder says it excelled by far any journal in every respect that was ever published before in the South. An Indiana breeder writes he has counted pages and the March INDUSTRIOUS HEN contained more advertising and more reading matter also than any other Southern journal and was only exceeded by a small number of journals West and East. Now, wouldn't these things make you "set up and take notice" of the March issue? By the way, what is wrong with the April issue? You have it in your hand; don't be afraid to look it over and compare it and the business it carries with the other journals over the land.

\* \* \* \*

There were over four hundred poultry shows exclusively in this country during the past year and perhaps half as many more displays of poultry in connection with county and state fairs. This shows the immensity of the poultry business. And the business is growing by leaps and bounds every day. During the next year the number of poultry shows, including county and state fairs, will undoubtedly approach near the one thousand mark, or about three shows for each week day in the year. There will be

more new fanciers begin breeding thoroughbred poultry this year than there was last by thousands. No fear need be had of overdoing the business, as there is a ready market waiting hungrily for every fowl and every egg that can or will be produced. Prices will likely be higher even than during the past year. The American people have discovered that the best for eggs and best for market are the thoroughbreds, and the demand for such has increased faster than the supply even. Ten years ago ten dollars was a good price for a well marked show bird, but a large number of birds have sold this year for ten times that amount, and that right here in the South and in Tennessee too. Hundreds of birds have been sold during the past year by advertisers of the INDUSTRIOUS HEN at from ten to twenty-five dollars and a fifty dollar bird does not attract attention any more. In view of these promising facts, have not the breeders of the land a right to feel hopeful?

\* \* \* \*

Below we give the result of the nominating ballot in the A. P. A. Under the new constitution, Election Commissioner Fred L. Kimmey will send out another set of ballots at once containing the highest five nominees for each

office. The members will then fill out, sign the ballot in ink, and return inside of thirty days. The nominating ballot virtually elects the president and vice-presidents. For secretary the nominating ballot points to the election of W. S. Russell, as he leads the other two closest competitors, R. C. H. Hallock and G. H. Burgott, by a good margin. There are nine members to elect to the Executive Board, three for three years, three for two years, and three for one year. Curtis, Hewes and McNeil lead for the three year terms by good majorities; for the two years terms five contestants are all "bunched" for first place, Dixon, Campbell, Crawford, Holden and Berrar being the leaders; for one year terms, Hicks, McGrew and Steinmesch are in the leading. For the place and time of meeting, Niagara Falls seems to be the favorite place, and August 14 or 15. A study of the vote as shown by the leading contestants indicates that the membership desires all sections of the country, from Canada to the South, from Massachusetts to California, to have official recognition. This is indeed a healthy sign for the A. P. A. It means that the new Executive Committee will be a representative one, a board that will act in harmony with the wishes of poultrymen throughout our entire country. The following vote was cast for the nomination:

President		Executive Board, Two Years	
C. M. Bryant received	289	H. V. Crawford received	121
M. S. Gardner	3	S. T. Campbell	125
H. V. Crawford	3	Henry Berrar	125
Geo. G. Bates	2	Elmer Dixon	129
Grant M. Curtis	17	Geo. D. Holden	121
First Vice President		Theo. Hewes	22
T. E. Orr received	284	Henry Steinmesch	10
T. F. McGrew	3	T. F. McGrew	16
H. B. Donovan	2	Wm. McNeil	13
Chas. McClave	2	Reese V. Hicks	13
Theo. Hewes	2	D. A. Nichols	9
Second Vice President		O. E. Miles	7
Miller Purvis received	271	Chas. McClave	5
T. F. Rigg	4	H. B. Donovan	5
W. S. Russell	3	Geo. O. Brown	4
Geo. G. Bates	2	Executive Board, One Year	
Geo. D. Holden	2	T. F. McGrew received	213
Secretary-Treasurer		W. S. Russell	72
Geo. H. Burgott received	64	Reese V. Hicks	219
Ross C. H. Hallock	88	Grant M. Curtis	17
W. S. Russell	148	Richard Oke	20
M. S. Gardner	4	Geo. S. Barnes	44
T. E. Orr	4	Henry Steinmesch	137
Executive Board, Three Years		Henry Berrar	13
Grant M. Curtis received	251	R. E. Jones	14
Theo. Hewes	243	S. T. Campbell	13
H. B. Donovan	90	Ross C. H. Hallock	8
Wm. McNeil	159	H. B. Donovan	9
Henry Steinmesch	25	Geo. D. Holden	12
T. F. McGrew	22	Theo. Hewes	9
G. D. Holden	41	Wm. McNeil	7
H. V. Crawford	23	Place of Meeting, Three Years	
R. E. Jones	8	Niagara Falls received	145
Richard Oke	5	Cleveland	55
Thos. Rigg	4	Chicago	21
G. R. Hoswell	4	Ithaca	11
C. M. Bryant	6	New York City	11
W. S. Russell	6	Time of Next Meeting	
Geo. G. Bates	3	August 15 received	40
		August 14	42
		Second week	11
		Third week	10
		Last week in August	7



# HISTORY OF THE COLUMBIAN WYANDOTTE

WRITTEN FOR THE INDUSTRIOUS HEN BY EDGAR E. McINTOSH, SECRETARY NAT'L COLUMBIAN WYANDOTTE CLUB

**T**O do the Columbians justice we will have to go back to the origin, which was about seventeen years ago. The Rev. B. M. Briggs at that time was living in New York state and breeding White Wyandottes. An accidental cross was made with a Barred Plymouth Rock. Mr. Briggs told us that two chicks had hackles with lacing that attracted his attention, and being a fancier decided to make a Wyandotte with Brahma markings. He later moved to Vermont and at that time I heard of this new Wyandotte. I read in a poultry journal that the Rev. B. M. Briggs, of Vermont, was perfecting a new Wyandotte to have the Light Brahma markings. But they were not made from a Light Brahma as one would naturally suppose for not one drop of Brahma blood flowed in their veins. Later I saw one cockerel in the Rhode Island State Fair. Mr. Briggs gave this new Wyandotte their name, after selecting a number of high sounding names. Mr. Briggs, I believe, exhibited some birds at the Columbian Exhibition at Chicago and this, I believe, was where their name was from. In 1896 I lived in the northern part of Rhode Island and saw an advertisement in this same poultry journal (as referred to before) Columbian eggs for sale by F. E. Fowler, of Connecticut. I bought two settings of eggs of Mr. Fowler. Having heard that Mr. Briggs lived only seven miles away from me at Woonsocket, R. I., on the Fourth of July I made a visit to Mr. Briggs; he explained to me all about the Columbians, at that time; he told me he was the originator of the White Wyandotte and was the first man to put them before the public. I raised a few Columbians that year and in the fall I bought six pullets of Mr. Fowler.

Mr. Briggs had no Columbians at that time, having sold out to L. H. Davis, of New York. I also bought a nice cockerel of Mr. Davis and mated him with what pullets I had and started to breed Columbians.

At that time I was breeding Silvers, Goldens, Buffs and White Wyandottes. I raised mostly Columbian chicks the next season. The Columbians laid better the winter of 1896 than any of the other varieties.

The Columbian chicks looked good when small, but disappointing at maturity. I saw at once they were not what I wanted. I at once started a cross of my own.

Before going farther I want to mention a few instances that ought not to be lost sight of. That Mr. Briggs should have the honor for first giving us the Columbians, and for giving them such an appropriate name.

It is no easy task to name a variety of fowls and have it sound good and please all, but I think the name Columbian suits. Second, that Mr. Briggs has given us two varieties of Wyandottes that are popular and hope that he will be able to give us another breed of fowl at some future date. It will be noticed that the Columbians were originated some seventeen years ago. Some will ask what became of them for they were not popular until about three years ago.

About the time the Columbians were started, the White Wyandottes were beginning to take the fancier's attention. But for a few loyal fanciers like L. H. Davis, A. J. Fouch, F. E. Fowler, W. B. Richardson, H. S. Babcock, and the writer, no doubt the Columbians would have been lost sight of, for a while if not for good.

Mr. Briggs, I understand, exhibited at a number of prominent shows, but the fanciers did not take to them.

We have given the history as complete as we are able to do with what information has been given me.

Now, to go back to the year 1896 when I began to breed them. I have told the breeders of Columbians that the first Columbians originated from a cross between a White Wyandotte male and a Barred Plymouth Rock female. Any fancier of experience can see that such a cross would not give a nice clean black stripe in hackle and a black tail with nice laced coverts and a good black wing. In 1897 I made a cross of White Wyandottes and Light Brahma (and discarded every bird of the old Barred Rock cross) and have bred nothing else since that time.

I crossed a White Wyandotte male on a Light Brahma female. I raised between 100 and 150 chicks that season and disposed of all except one dozen pullets. I inbred them to keep up the same line of blood.

The Brahma blood is what gave the Columbians the large brown egg that made them so popular as a practical fowl. I also made another cross in 1901. I secured a Light Brahma cockerel about a year old and mated him to six large Columbian hens, this was late in the summer of that year. I set some eggs and bred from these chicks late in 1902 by mating these pullets of the 1901 hatch to a choice Columbian Wyandotte male, raised some choice chicks about fifty per cent of chicks coming clean legged and ten per cent with rose combs; the markings were nice, the pullets came much better than the cockerels. Have kept this line of breeding each year pedigreed and in 1905 used a cock bird of this line on a Light Brahma hen. And bred four of these pullets to a very choice Columbian male, and this time got some nice cockerels, but not as good pullets.

Now to go back to 1897—after I had bred the cross a year they began to look like a Light Brahma in markings, but the fanciers did not take to them for they took after the Brahma in shape and in those days shape ruled above color, but as they laid a nice brown egg, I kept breeding them as I had a good market for them.

From 1899 to 1905 their popularity steadily grew, and many a choice bird was discarded by breeders for lack of good Wyandotte shape.

A clean, shapely bird was preferred at that time. I always have and always will prefer a dark colored bird. The honor of introducing the Columbians to the public belongs to W. B. Richardson, of Rhode Island, as he showed them year after year, when no one else would. He has shipped stock and eggs from Canada to Florida, from the Atlantic to the Pacific Ocean and across the water to England.

New breeders as well as the old ones began to take them up. L. H. Davis having sold out his stock about eight years ago; F. E. Fowler ten years ago; A. J. Fouch two or three years ago, leaving Mr. Richardson and myself the largest breeders of the variety.

The first indication of a boom was noticed when August D. Arnold bought of Milan A. Brayton, for fifty dollars, the first prize cockerel and second prize pullet that was shown at Madison Square Garden in the winter of 1904. The next winter at Madison Square Garden Mr. Arnold made a greater sensation when he paid two hundred dollars for the first prize cockerel and first prize pullet shown by Prof. John Evans of Rhode Island. No doubt these two birds—Key-stone and Teddy—were the beginning of the Columbian Wyandotte boom. It seemed as though the loyal ones was beginning to reap the reward of their long waiting for the public to recognize a good and useful breed. Still a greater sensation was created when J. F. Van Alstyne paid two hundred dollars for the first prize cockerel "Ideal" at Madison Square Garden in 1906, shown by Milan A. Brayton. And as great a sensation was created at Madison Square Garden, New York, in 1907 when A. C. Hawkins refused two hundred dollars for his first prize cockerel and J. F. Van Alstyne refused one hundred dollars for his third prize cockerel. I use Madison Square Garden as an example because that seems to be the battlefield, where the greatest battles are fought for supremacy as the leading breeder. In other parts of the United States great showings and winnings are being made, viz.: Boston, Chicago, Indianapolis and California, and at the Crystal Palace show in England, where our American fanciers are sending over birds to compete with the English breeders of this variety.

Surely the fever is on and it's catching a lot of our older fanciers and judges. L. H. Davis could not stay out of them but three or four years, and now is back in the game. I mention the name of the following large breeders of the variety, who have taken them up since the boom, because they are familiar to most of us: Theo. Hews, Clive H. Owen, Dr. C. J. Andruss, Dr. W. H. Harwood, D. Lincoln Orr, R. G. Buffington, Philander Williams, A. C. Hawkins, Eugene Sites and Gedney Farm.

I have confined my article to the history from their origin to the present time. At some future time I will tell about some of the results in each year's matings, and give some of my matings to produce males and females.



# IS IT THE BREED OR THE FEED?

WRITTEN FOR THE INDUSTRIOUS HEN BY N. A. KING

**T**O insure a large egg yield several matters have to be planned in advance. It's not so much the feed we give as it is the breed, and yet no matter how well bred our birds are, if we do not feed them properly they will amount to nothing.

To insure a hardy foundation for a heavy laying strain of birds it's necessary that we know their past history, not only for one year but for several years.

The farmer would no more think of buying an unknown bull to head his herd of milch cows than he would of planting corn in the middle of December. Possibly some of the readers of this paper are farmers who own a herd of dairy cows, if so they would tell you they must know the ancestry of this particular bull for several generations back, and his forefathers and mothers must be of a milk producing strain before they would think of using him.

But it seems strange how carelessly we mate our pens and how little we look into the *prime factor* of our success.

The amateur reads of a heavy laying strain of one variety—buys them or gets eggs from this breeder—rears his chicks and then wonders why his hens don't lay from 190 to 240 eggs per year. He thinks because Jno. Jones advertises his birds to do thus and so, the chicks hatched from eggs purchased of Jno. Jones should do the same—and because they do not Mr. Amateur—never giving a thought to the *how* and *why* of Mr. Jones' success—brands him as a fraud.

It has been said time and again that the male bird is one-half the pen. No doubt he is, but if we neglect the hens or pullets that go to make up the pen, we have only one-half a pen. See? So it is up to us to look well into the two halves of our pens if we wish to win success as a utility or fancy breeder.

Having decided on our particular breed or variety, let us get the best money can buy. Another instance why the farmer fails with his poultry—he does not give the same care and attention to his hens as he does his cattle, both in the matter of feeding and breeding. If he did he would breed more poultry and less cattle, for his poultry means a daily cash income, while his cattle means an income only once in two, three or four years.

I was talking to a farmer the other day in regard to the breeding of horses and he told me it was one of the worst paying businesses in the country; while horse flesh sold at top-notch prices, a common work horse for farm use would bring from \$100.00 to \$175.00, it took from four to five years to find out what kind of a horse you would have to sell. How different with the poultry business. We mate our pens in January or February and in the following six or nine months we know what we have and, if our culls run large we know we need not feed them any longer, but can send them to market and obtain enough cash to offset the cost of their keep and, if we *know how to feed* we can receive a profit on them.

Speaking of culling—how many of us cull as we should? I know we get attached to our young birds as we watch them grow from little balls of down to the culling age, then we get "chicken hearted" and because of our fondness for them we let this cockerel stay, although he has a bad defect in his markings or comb, and that pullet is such a spry and happy little thing and may be a pet, so we will let her stay in our yards because she is a pet and overlook her defects. And that is the way it is all the way through.

Now, because of our "chicken heartedness" we have a worse lot of culls to sell the following year. "Like breeds like" although because a cockbird or hen has a defect it does not naturally follow that their chicks will have the same defect, but it will show in another form—possibly worse than either of its parents. That is why we cull so closely. Get all the birds out of your yards that do not come up to your ideal of what your chosen variety should be. If we did this with an "heart of iron" and a Standard before us, it would not be long before we would have a flock of birds worthy of their name.

The object of keeping poultry for profit is to get as many eggs as possible from a hen, or to put as many pounds on a chicken in the shortest time possible at the least expense possible. Not only does this apply to the poultry business, but to every other business. Do as much business as you can with the least expense, and your profits will be large.

I know a small poultryman who made something like \$1.70

each profit on his flock of 30 hens; while another poultryman told me he could make more money selling eggs at 16 cents than when they were 35 cents.

One man has a small flock of thirty hens. He tends them, giving them the best of feed, care and housing. The other man has possibly 200, he does not give them the best of care and attention. The second party's hens lay in the summer, while the first man's hens are bred and fed to lay in the winter, or, when eggs are 35 cents per dozen. He tells me it is a hard matter for him to have eggs for his breakfast as his neighbors come to the house and get from three to one dozen, or just as many as his wife can spare them. The other party has the same trouble with his breakfast eggs—only from a different cause. His hens won't lay when they should.

In the opening paragraph I said it was not the feed so much as the breed. Now, I am going to turn that sentence end foremost and say, it's not the breed, but the feed, the care and housing we give our flocks. Any scrub hen will lay eggs in summer if fed enough, but will she lay eggs in winter on the same ration?

Won't a bred-to-lay bird lay in the winter on the same ration you feed the scrub hen? So which is the most important, the breed or the feed, or, like the old saying, "they are as near alike as 'two peas in a pod.'" So it is with us, we must have the breed and the feed in order to make the chicken keep us.

## MORE THAN \$1,000 IN CASH PRIZES

### TO BE GIVEN AWAY BY THE INDUSTRIOUS HEN.

**Cash Prizes Range from \$1 to \$200--Contest Begins May 1 and Ends October 30, 1907**

This unparalleled proposition as announced in our March issue is attracting much attention and will be the cause of a spirited contest among club raisers. The plan is easy, plain, open and above board. There are few conditions, and every person who raises as small a club as ten subscribers gets a cash prize. During the summer months when there is little else doing it will be a matter of small moment to take a sample copy of THE HEN and circulate among friends and acquaintances and get a club of subscribers. The price is small, the value is large, and everybody is interested in poultry and the various departments represented in THE HEN. Boys and girls can make enough money during the summer soliciting subscriptions to THE HEN to pay their tuition and board and clothes for a year. If you want to take a course in college or the University of Tennessee, find out how much you will need and go to work to win one of the prizes.

Set your aim high and have grit and ambition enough to reach it. Tell your friends you are trying to win one of THE HEN's cash prizes and that you are going to do it. Go to work with a determination. There is not a community in the United States where a club can not be had. We are receiving volunteer subscriptions in every mail from every point of the compass. Clubs will be easily raised. Men, women, boys and girls are eligible. There are no cheap premiums and few conditions. As many may work at it as desire, and all can get premiums. Every member of a family may strive for one of the large premiums—throw all their subscriptions together—for father, mother, brother or sister. Make up your mind to capture a good one and go after it. If you want to pay off a debt or a mortgage, buy more land or a horse or a buggy, or go to college, or any thing that money can be used for, we know of no surer or better way than to go to work soliciting subscriptions for THE HEN. The work is easy and the money sure. See full instructions and rules governing the contest on double center page.



## OPEN-FRONT HOUSES

WRITTEN FOR THE INDUSTRIOUS HEN BY EDGAR P. McBATH.

**I**f when I first decided to start in the poultry business I had drawn a picture of my ideas of a poultryman I am certain I would have represented him with a basket of eggs on one arm while he deposited more or less money in the form of greenbacks in a pocket book.

Not being an artist this picture was never drawn. If I now, after more or less experience, were to sketch my ideal poultryman he would be represented with a poultry journal in one hand and a hoe in the other, with an eye on each.

The farmer is not the only man with the hoe. It is an indispensable part of any successful poultry plant and the frequency and vigor with which it is used in and around the poultry houses and yards is often the measure of success met with.

Poultry raising consists of study and work; theory and practice, divided into about equal portions. Failure is generally due to a neglect of one or the other, or sometimes too much theory and study as to how things ought to be, and too little work in fixing them as they should be.

Every poultryman should read as many poultry journals as he can afford to take. There is no class of magazines cheaper than the poultry journals of today, and in quantity of reading matter they equal many which sell for twice the price, while in quality they are superior to many of the ten cent magazines. By this I mean that to the man who wants to succeed they are as interesting as any fiction periodical and have a practical value that the average magazine does not possess. The majority of the articles have an intrinsic value which means money to the poultryman who reads and studies them.

The best parts of the average poultry paper are those articles dealing with the personal experiences of the writers. Much of our work is necessarily experimental, and often many experiments are necessary to enable us to arrive at a right conclusion. By a careful reading of the poultry journals we find many experiments dovetailing in with our own, and thus enabling us to form opinions which we could not otherwise have reached without additional experiments of our own, or more often they verify and correct our own experiments.

The numerous descriptions of houses on the Tolman style, open front, and the experiences of various parties with them have been of great aid to me.

This present winter I obtained during three days of January, when it was snowing and sleeting so that the fowls could not be let out, sixteen eggs—five one day, six the second, and five the third, from a small pen of seven Barred Rock pullets. And these pullets are in an open front house. From a pen of fifteen White Wyandottes, hatched in April, 1906, I obtained during the second week in February as high as twelve eggs per day. At this time there was six inches of snow on the ground and the temperature was down to 14

at night and barely over 20 during the day. These pullets were in a house having a south window one-third glass, in alignment with the nests, and the remainder covered with wire, and some thin burlap. Of course both houses were perfectly dry at all times.

Both of these flocks were raised in open front houses, and have never been accustomed to any other kind. A neighbor with hens in an ordinary tight house is getting but two or three eggs per day from twenty hens. On February 22 the same number in my open houses gave me thirteen.

I also have Rhode Island Reds, rosecombs, in open houses and although the weather has been very severe for some weeks



1st Pullet at Knoxville and Bristol Shows this Season. Also heads first pen at the Great Nashville Show. Bred and owned by W. H. Cochrane, Bristol, Tenn.

not a comb has been injured, nor has there been a single case of roup or other disease in my entire flock this winter.

If it had not been for the poultry journals I would have known nothing of the open front house, and the articles on this one subject alone have been worth more to me than all I have paid for poultry papers during the last two years, and I read seven of them.

Stick to your poultry paper and to your hoe, and let your motto be "Read and Dig."

## McCULLOUGH'S POULTRY POINTERS

WRITTEN FOR THE INDUSTRIOUS HEN BY PLUMMER McCULLOUGH

**A**PRIL is here and now it's up to us to improve our time. I suppose you all have some hatches off long ago. What! Been unfortunate again this year? Too bad; but don't give up. There is lots of time yet to get a nice bunch of chicks raised. A great many people make the mistake of feeding the chicks too young. This is a mistake and should not be practiced. I never feed till at least 48 hours old and 72 hours is even better. Nature has provided food for this time and if other food is given before this time it is going against nature and when this is done some one must suffer and in this case it is the chicks.

Pure water should be given and in cold weather it should be slightly warmed. Don't feed your chicks too much, as too much is worse than not enough. I think if you use any of the chick foods advertised in THE INDUSTRIOUS HEN that they will give entire satisfaction. Of course these are only intended for the first couple of weeks, after which time you can feed cracked corn, cracked wheat, etc.

Keep their pens clean and use insect powder and liquid louse killer freely. Always be on the lookout for lice and mites

as nothing is so destructive to young chicks as these enemies of the poultryman.

Have you not sent for that setting of eggs yet? Better do so now. It is not too late yet. Lots of time to hatch chicks yet.

How about your incubator, is it level? This is very necessary if you want a good, even heat. Now, I am not going to give you directions to run your incubator because I think more harm is done in this way than good. Don't try every new thing you hear or read of. If you are getting good hatches go on in your own way. Perhaps the very best advice I can give you is to follow directions. As I think that the man who made the machine ought to know how to run it and you should follow his laid down directions. Remember that two different makes of machines will not require the same rules, perhaps. One thing don't do, as I have done—take out your eggs to cool and go off and forget them for a day. Also be sure to turn your eggs before filling the lamp so as not to get oil on the eggs. One more thing. Let your machine alone at hatching time. Don't open the door. Let that hen alone also at hatching time. In short, mind your own business and you will get a better hatch.





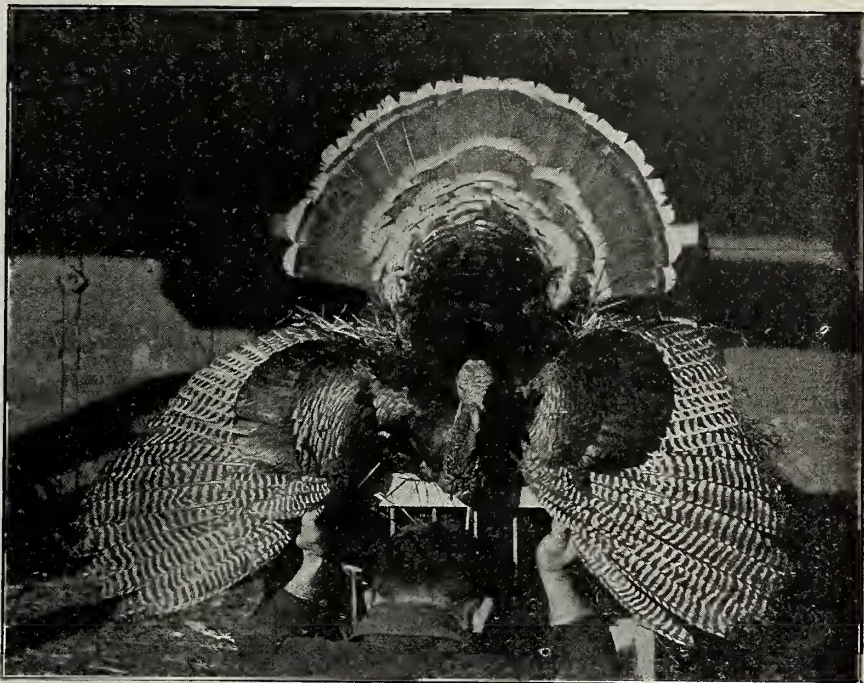
# TURKEY DEPARTMENT

CONDUCTED BY MRS. J. C. SHOFNER, MULBERRY, TENN., TO WHOM INQUIRIES SHOULD BE MADE. ALL QUESTIONS WILL BE ANSWERED IN THIS DEPARTMENT THROUGH THE INDUSTRIOUS HEN.

## Care of Young Turkeys

After they are hatched I gently slip all but one or two poults from under hen, put them in a basket with some soft flannel, to keep them warm. For 24 hours I do not feed anything, as nature has provided food for that length of time with the yolk of the egg they are hatched from. I do not use the "grain of black pepper" some of our writers speak of, because common sense has taught me that there is nothing in its tender little make-up to grind that grain of pepper, hard even for us to crack with our teeth, and I compare it with a new-born babe eating corn bread crust, without any teeth to masticate it before entering the stomach. I use some kind of grit, either chick crystal grit, or fine sand washed up in most any running stream, they will pick out first the size they want out of a pile, poured out on earth in a triangular pen made of three planks two feet high. Put in some well drained place where there is some shade around, a little bush of any kind is sufficient, for they can't stand hot sunshine. I do not confine the mother turkey in pen with them for she will not leave them long at a time, and if not disturbed will care for them when they need it, such as hovering them when they chirp cold. When young poults are confined as described above, it is to let them get used to the mother turkey's call, as they are just as liable to following one object as another, until mother talk is recognized. I feed about four or five times a day—for first two or three days on hard boiled egg, onion tops chopped fine, and pepper grass is excellent for green stuff. They will not eat too much green stuff, at a time, but I never want them to have any food left to lie on sand bank, to sour for them to mince on, just enough to clean up, all that I give them. Stale bread of any kind soaked in skimmed sweet milk, and squeezed out pretty dry with a little black pepper sprinkled over it is all right for a change meal on second or third day between egg ration. I would rather find them hungry every time; as long as they are hungry their digestion is in good condition, and will grow. I change diet from the egg to more corn bread made up light with soda and buttermilk with several eggs in it, to last a whole day; this should be allowed to get cold, so it will crumble fine after being squeezed out of the sweet milk, giving a little sprinkle of charcoal and black pepper each time, increasing the feed each time as I think they need it.

After the first week I begin feeding clabber milk set on stove and heated. This makes a cheese, when whey is dripped out, that crumbles fine, and I feed it interchangeably with bread and milk ration. Never give anything sloppy or sour—this will cause bowel trouble, that is hard to correct. After first week



A Fine Bronze Tom. Bred and Owned by Bird Bros., Meyersdale, Pa. This Tom heads one of their flocks for the coming season. Notice the fine wing barring, tail penciling, heavy bronze and snow white edging.

or ten days is passed I feel pretty safe in feeding dry chopped wheat added to our bread, and cheese ration. By this time the little turks are trying to fly over

plank pen that has been moved several times to a clean spot, as turkeys must have clean, dry quarters. When they are able to fly over this pen they are strong

## BRONZE TURKEYS AND PARTRIDGE WYANDOTTES

In the Lead at Madison Square Garden, N. Y., January 1-7, 1907.

On 12 entries our Bronze Turkeys won 9 premiums: 1st, 2nd and 4th pullets; 2nd, 3rd and 4th cocks; 2nd and 5th cockerels; 4th hen. On 5 entries our Partridge Wyandottes won 4 premiums: 2nd and 3rd cocks; 2nd hen, and 4th cockerel.

Turkey eggs \$12.00 per dozen. Partridge Wyandotte eggs \$5.00 per setting of 15 eggs. Write for egg circular.

**BIRD BROS., Box F, MEYERSDALE, PA.**

## MAMMOTH BRONZE TURKEYS B. P. ROCK CHICKENS AND POLAND CHINA HOGS

"Goliath," at 19 months old, weighed 48 lbs., scored 97½ points, won first prize at Nashville show, January, 1906; also two specials for largest fowl in show. I also won 4th hen and 4th pullet, score 95 points. At North Alabama show, December, 1905, I won 1st on yearling cock "Goliath," 2nd on yearling hen, special \$5.00 on pair, 1st on cockerel, 1st on pullet, special \$5.00 on young pair. Goliath heads my flock of breeding females, 1906, six of which are daughters of "Jumbo Jim," the 47 pound, 18 months old tom that won 2nd prize at World's Fair, St. Louis, 1904. I also have 1st and 2nd prize winning pullets at Columbia, Tenn., in my flock. I carry B. P. R. chickens of best prize winning blood—Bradley Bros. and Sid Conger strain direct. Young and old stock for sale. Patronage solicited and everything guaranteed as represented. For further information address

**MRS. J. C. SHOFNER**

**R. F. D. No. 1, Mulberry, Tenn.**



enough to follow mother turkey for a ramble for insects, after the dew dries off in the morning. If she does not return by four o'clock in the afternoon, she must be found and brought in and cooped in a coop made at least three feet high in front and about the same in width, with screen wire door to let in fresh air, and yet keep out all kinds of varmints. I want coop sloped back enough to run off all water and keep their roost place above a drain. I move this roost coop to a new place every night. They must be cooped every night until large enough to roost in small trees.

For a water tank while small, I use a shallow pan with gravel in it, so the water comes up between, and they can not get their feathers wet. My greatest trouble has been lice, and I believe more turkeys die from lice than all diseases. I was a breeder of turkeys for years before I knew that there were two kinds of lice on them while young. The large gray louse is usually found on head and neck and can be easily seen, but the most troublesome lice are the small white wing lice found in between wing quills, next to flesh, and are numerous by the time they are a week or ten days old—if not attended to before this. I usually dust hen and nest when I set her, then a few days before they hatch I dust again, with some reliable insect powder, then dust hen and poult every ten days or two weeks, until two or three months old. Now give free range, and a nice supper every night, and your turkeys are no more trouble—only to watch a threatening cloud, and bring them in.

I have followed this manner for years with a few changes occasionally, and have been as successful as any breeder in the United States raising my own prize winners, and many others who win in large shows everywhere, from the lakes to the gulf, and from ocean to ocean, in the hands of my customers. I breed the most popular breed, the Mammoth Bronze, of the Giant Jumbo strain. My next breed in choice would be the White Holland.

MRS. SHOFNER.

#### Confining the Turkeys

Written for *The Industrious Hen*.

The breeding season is now here and everybody is asked to watch the old turkey hen for she is sure to stray away and hide her nest. The housewife leaves the morning work undone and slips out to keep the hen in view, but she strays farther and farther away; finally the children and perhaps the hired man is called upon to join in the search, and when the nest finally is found, the hen must be watched every day for the crows are sure to get the eggs as soon as the turkey hen comes off. I have seen crows sit for hours on a nearby tree and wait for the turkey hen to come off and sometimes they get tired of waiting and a number of them attempt to drive her off.

Such was my experience before I began to confine my turkeys in yards and such is, I think, the experience of every turkey raiser who allows the turkeys free range during the breeding season. It is certainly better to confine them than to run after them and lose so many of their eggs, as is sure to be the case when they are allowed to wander away from home.

If just one flock is kept they can be

driven in a building, or small yard, in the morning and turned out in the evening, after they have laid their eggs. They will thus have a chance to forage for themselves and will thus get the exercise they need.

Turkey breeders sometimes complain that the eggs do not hatch well and have thin shells when the turkeys are confined, but I think that is because the turkeys are fed too much grain, meat and mash. It is contrary to nature for the turkeys to gorge themselves during the breeding season and the more natural the surroundings and the closer we stick to nature in our methods of feeding, the better results we will have with our turkeys.

As I keep three breeding yards I have to keep the turkeys confined all the time. Each yard has a stream of water running through it and a number of shade trees. Shade and seclusion are necessary to the comfort of the turkeys, also a place should be spaded up for the turkeys to dust themselves in, they will enjoy this, although, usually, they are not troubled

much with lice. Fresh water, green grass, grit, oyster shells and a moderate amount of grain are the things I consider necessary to the production of a large number of fertile eggs.

The conditions that surround the turkeys have more to do with the fertility of the eggs than we generally suppose. They should not be confined where they will be disturbed by dogs or persons passing through their yard, and the nests should be so arranged that the hens will feel that they are safe from intrusion.

MRS. WILLIAM JOHNSON.

See Clubbing Offer elsewhere and take advantage at once.

#### M. B. TURKEY EGGS FOR SALE

From prize winning stock. My tom is from Jno. Ferguson and my pullets are from Mrs. Goodman's prize winners, scoring 94½ and 95 points, and weighed 18½ and 19 pounds in Owensboro show. Eggs 75c each. Bright's S. C. B. Leghorns; Thompson's Ringlets. Eggs \$2.00 per 15.

MRS. LOUIS DOWNER, Guthrie, Ky.

## S. C. RHODE ISLAND REDS

Real Reds. Good Long Backs. Ideal Red Color and Shape.  
Not Wyandotte or Rock Shape

### "CHEROKEE" LINE BRED STRAIN

As bred by us for years, among the first Red breeders in the South.

Eggs from first Pens, 93 to 95 point birds, \$5.00 per 15; Other pens, 90 to 95 point birds, \$2.00 Pure bred, well mated pens, \$1.50.

### MAMMOTH BRONZE TURKEYS

Big Rangy Birds. Eggs \$2.00 per 10.

Reese V. Hicks, Prop. CHEROKEE FARM, Madisonville, E. Tenn.



### WHITE WYANDOTTES

(Hawkins and Dustin Strains.)

EGGS \$2.50 and \$1.50 Per 15

Satisfaction Guaranteed.

Highest scoring cockerel, Richmond, Va., January, 1907, heads Pen 1. A pure white cockerel, even better than one in Pen 1, heads Pen 2. A few extra good cockerels left. Prices reasonable.

W. G. SAUNDERS, (City Address: 916 W. Main St.,) RICHMOND, VA.

## THE OAKS - - FINEST ON EARTH

Has a circular that you ought to have. Now is the time to sit down and send for it. A postal is all you need to get it, I have stamps. You will learn all about my White Plymouth Rocks and Columbian Wyandottes. Eggs this year only \$1.50 for 15. You had better book that order now. Yours for good goods.

### "THE OAKS"

Lock Box 337

Clarence F. Bruton, Prop.,

SIKESTON, MO.



## MAIRE'S SINGLE COMB WHITE LEGHORNS

Win in hot competition at the great Knoxville, Tenn., show, 1906, which proves them to be as good as the best. My yards are now mated with high-scoring specimens which will produce show winners in any class. And as egg producers there are none better. If you want good breeding stock write me your wants before placing your order. Eggs, best matings \$2.00 and \$3.00 per 15. Good hatch guaranteed.

S. B. MAIRE,

CLINTON, TENN.

Member East Tennessee Poultry Association.

## "KING BUCKEYE" Heads my Pen.

No better Buff Rocks south of the Mason and Dixon line. Score 93½ by McClave. Was first at Cleveland, Ohio, and Quincy, Ill., last season. Son of Superior, first cockerel at Chicago season before last. He is mated to pen of high-scoring females of good shape and color. First cock, first, second and third hens at Knoxville last December.

EGGS, 10c EACH, for one or one thousand.

J. G. COMFORT, 1623 E. Jackson Ave., Knoxville, Tenn.



## WATER FOWLS

### About Aylesbury Ducks.

The Aylesbury ducks get the name of the town of Aylesbury, Buckinghamshire, England, and have been in existence for nearly two hundred years. They are white in plumage, having a flesh-colored beak and orange-colored legs, are long and deep in body and have a level carriage.

They are similar to the Pekin, so much talked of here, with the exception that in the present day they are much larger and vary in color and shape of beak, and have a different carriage. The real Aylesbury, as it should be today, is practically unknown in this part of the country. Many so-called Aylesburies have been brought to my notice which I found to be only some common white duck.

The Pekin took preference over the Aylesbury with the general run of breeders in England until the last few years. It is now hard to get anything like the price for Pekins that is demanded for the Aylesbury. This is principally owing to the interest taken in them and the encouragement given them by the Aylesbury and Waterfowl Clubs in Great Britain, and this has caused very keen competition between the Aylesbury duck breeders, so much so that the standard of perfection is so much higher in the Aylesburies than other breeds that when a medal or special prize is awarded for the best waterfowl in the show, it invariably goes to the Aylesbury.

### FOUND NO AYLESBURIES.

On my arrival in this country I was greatly surprised to find no good Aylesburies, and after trying in vain to procure some in the district, I had at last to send back to their old home for a consignment of them for a company in Petaluma, and after a twenty-five day journey they at last arrived, looking very travel-stained, but only one dead out of twenty-six, and, strange to say, before they had been on the ranch a week some of them began to lay. I believe it was the fifth day two eggs appeared, and after that they increased nearly every day until they were all laying, and now quite a number of youngsters are making themselves known on the ranch. A few eight-weeks-old have been slaughtered, weighing on an average six and one-half pounds each. This should be considered good, in view of the change of climate and the trying journey the parents have gone through. I have often read and heard it said, "There is no duck to beat the Pekin as a table fowl in this country," but I venture to say if a few start breeding the real Aylesbury, such as are now in California, they will find their old favorite has a very hard nut to crack, as the Aylesbury has such an extensive frame to build on, having the great length and other parts in proportion. I may add that on the arrival of the consignment in Petaluma, several were heard to ask the question: "What kind of goose is that?"

I have often noticed during my travels in this country many farms with ideal places for rearing ducks, and none of them seem to take advantage of it. One hundred per cent. is possible to be made from ducks if properly managed,

and if you have the right kind of stock they are certainly more easily managed than chickens or turkeys. Of course, there is a difference of opinion as to the best way to rear them. Some advocate keeping them out of the water altogether, only giving them enough to drink; others say pen them up in a small pen to fatten, others give them liberty.

I have tried them all ways and have found the quickest way to grow ducks is to let them swim as soon as they are a week or ten days old, and have whatever exercise they like to take up till they are, say, six weeks old, in the meantime giving them as much food as they will eat up clean. I found that being confined in the shed for the night was enough confinement for that period of their lives. The first thing they will do when let out in the morning is to take a bath. Ducks do better and grow faster when they are allowed to live naturally. If confined and given water they very soon turn this into mud in an attempt to clean themselves. They turn from a white duckling into a brown one and appear stunted in their growth, and at eight weeks old, when mine are fit for the table, my neighbors' ducks are only about half size. "How is it?" they ask. "Mine were hatched the same time as yours, and yet are not half as big."

### GIVE DUCKS FREEDOM.

My answer is: "Let them feel clean and comfortable. Give them a run and a good bath once or twice a day and then see the alteration."

Having taken their bath, they immediately come back to the feed trough, and if there is nothing there for them you will soon know it. This is the time when I feed them pretty generously with a substantial mash consisting of meat and various grain meals, beans, bone, etc. After they have filled themselves, they again go to the pond for the purpose of their toilet, and, as it were, to wash their teeth.

If they are really well fed they will not stay in the water, especially after they get a certain age. They simply come out and lie down on the bank, and if not disturbed will probably remain until midday, when they will feel like another bath and a feed and drink, which may be grain, which they like the best thrown in the water. Then you will find them taking another rest until about 5 or 6 o'clock, when, if they have a chance, they will start clean. I have

proved this scores of times in places where people have hatched ducks at the same time as myself, and probably from the same eggs, but have kept them penned in a small run where they only have a small pan of water to drink. They like to forage for snails, slugs, etc. The last thing before dark, I shut them up in the shed for the night, with a good batch of soft feed. Occasionally I would vary and give them grain.

It is much easier to test ducks' eggs than hens'. All you have to do is to hold them between your thumb and finger before a window through which the sun shines. By the third day after setting the infertile ones can readily be detected, as they will appear perfectly clear, while the fertile ones will show a movable, pinkish spot about the size of a half dollar. A tiny dark spot can usually be seen in this mass. This is the bird's eye, but if this is not seen do not think that the egg is infertile, for often it is so covered by the yolk that it will not show readily.

As soon as the little fellows commence to hatch, remove them from under the hens, carry them into the house and put them in some warm place to dry off, as when first hatched they are much more liable to be killed by their foster-mothers than chickens, owing to their peculiar shape, their bodies and necks being so long that if left under the hens some of them will surely be stepped upon.

After they have thoroughly dried off put them in coops with hens, if you have no brooders, allowing about fifteen ducklings to each hen in cold weather and about twenty if warm. Unless the coop is a new one it should be thoroughly cleaned and deodorized, using some good disinfectant which can be procured of any dealer in farming implements and poultry supplies. See that the coop is thoroughly dry before placing the birds in it. When dry, cover bottom of coop with an inch or two of finely cut straw.

The coop should be free from draughts and have a tight roof, and also means

### Rose Comb Brown Leghorns

No frosted combs. Produce most Eggs at least cost.

### INDIAN RUNNER DUCKS

The greatest layers, up to 200 a year per duck.

### PEKIN DUCKS

Large, quick growth for meat and feathers

All pure bred on free range, and have taken some first prizes wherever exhibited. Prices reasonable. Write

C. W. HICKS, Madisonville, Tenn.

## Best Pekin Ducks

Prize Winners, New York, 1907

### Prolific Layers of Strongly Fertile Eggs.

My Imported Japanese Pekins laid an average of 155 Eggs, which tested 95 to 99% fertile and hatched 90%. Get new, STRONG BLOOD in your flock. Eggs and breeders for sale at reasonable prices.

WM. BONNER, ROCKVILLE CENTER, L. I., N. Y.



of good ventilation. The requisites for success in duck breeding can be summed up in these few words: Clean, dry yards and buildings, well ventilated; clean, pure water; proper food and attention and hardy, vigorous breeding birds. The little fellows, for the first four days, should be fed five times a day, at 6 A. M., 9 A. M., 12 M., 3 P. M. and 6 P. M. Feed a mixture composed of the following ingredients: Equal parts of rolled oats and bread or cracker crumbs, ten per cent of hard-boiled eggs, chopped very fine, and five per cent. of coarse sand. Feed only what they will eat up clean. Clean the feed dishes out when they are through eating and remove from the pen. Fill the water dishes and rinse them out thoroughly whenever you feed.

If the hen can be fed separately from the ducklings, do so, feeding her whole corn, but do not put it where the ducklings can get at it, for they will try very hard to follow her example, and if they succeed in swallowing any, are liable to have indigestion, which may kill them.

The reason for feeding them sand is to furnish them something with which to grind and help digest the food, for ducks, unlike hens, have no crops.

The birds should not be allowed out upon the ground until about the first of May, unless the ground is warm, and even then only on sunny days. It is a good plan to lay a window over the pen up next the coop. This will attract heat from the sun, and they like very much to stretch themselves out and enjoy a sun bath.

From the time they are four days to three weeks old, feed them four times a day, at 6 and 10 A. M., and 2 and 6 P. M., on a ration composed of equal parts of rolled oats and wheat bran; ten per cent. of corn meal, five per cent. of coarse sand, five per cent. of animal meal or beef scraps ground fine, and all the finely cut green food, such as rye, clover, cabbage, etc., that they will eat.

When a week old put them into larger yards, the width of the coops and about fifteen or twenty feet long. Keep them here until they are three or perhaps four weeks old, when the hen can be removed and ducklings from several pens, put together, if of the same age. Fifty will not be too many for one yard, and they will be warmer at night than if in small flocks. To make the pens for ducklings up to five weeks old, use one-inch mesh wire netting one foot high; after that use two-inch mesh netting one and one-half feet high. The cost of fencing is very little in comparison with the cost of fencing hen yards. Even fully matured birds do not need a fence over two feet high.

From three weeks to six weeks old feed equal parts of corn meal, wheat bran and ground oats; five per cent. of coarse sand; five per cent. beef scraps or animal meal (do not use pork scraps), and all the green feed that they will eat. Feed four times each day.

From six weeks to eight weeks old, feed three parts of corn meal, two parts of wheat bran and one part of ground oats, ten per cent. of beef scraps and five per cent. of grit. Do not feed as much green food, and do not feed the mash more than three times a day.

From eight to ten weeks old, feed two parts corn to one of wheat bran and ground oats mixed half and half, with the same amount of scraps and sand as

from six to eight weeks, with some oyster shells. Feed but three times a day and do not feed much green food. They should now be ready for market and should average about five pounds each.

After the ducklings are all killed off, all the coops and the watering and feed dishes should be thoroughly cleaned and disinfected, and packed away, ready for the next season's use. Take up all of the fence and remove the wire from the stakes, rolling it up tightly. The stakes, as well as the wire, should be put under cover where they will be perfectly dry. They will also last much longer if painted with some cheap paint, like red ochre and oil. Plow up the yards and in August sow to winter rye. This will attain a growth of two or three inches, and when the next season's youngsters are turned out will be just right for them to eat. Until it is all eaten up there will be no need of cutting up any green food for them. It also serves the purpose of disinfecting the land, thereby preventing disease.

Sometimes the birds will have sore eyes, lose their appetite and cease to thrive. This is due to one of two things; filthy quarters or an improper assimilation and digestion of the food given them. A gummy secretion runs from the eyes, sticking the feathers together and hardening them up. The birds should be removed to clean quarters and fed sparingly of light food until cured. Usually it will take but a few days to effect this. If the feathers are very badly stuck up and the eyelids closed, take the bird firmly under one arm, and, holding his head with one hand, bathe the eyes in warm water until opened. Then cut the feathers away from around the eye with a pair of scissors. When properly attended to, I think that there is but little danger of ever losing a bird with this trouble.—A. L. Bickford in *Poultry Digest*.

Cash Prizes paid to Club Raisers. See Center Double Page.

## WECKLER'S BUFF ROCKS



Proved themselves winners again at Indianapolis, the greatest show ever held in Indiana. 1, 2 Pens, 1, 2 Hens, 1 Pullet, 3 Ck., 4 Ckl.; four Silver Cup Specials for best male and female. Eggs from the same matings that I breed from \$3.00 for 15. A few Cockerels and Pullets for sale.

A. L. WECKLER, Bunker Hill, Ind.

## "JAMES" WHITE PLYMOUTH ROCKS



Whole Farm devoted to this most popular breed. My original stock was purchased from U. R. Fishel, the most noted White Plymouth Rock breeder in America. They are

BRED TO LAY AND WIN

Stock and eggs for sale at all times at reasonable prices. Address

T. J. JAMES, Jr., :: Adrian, Ga.

DRAWER O

## DAVIS' BARRED ROCKS



Won 17 out of 21 FIRSTS competed for in January, 1907, at 4 big shows in N.C. They have also won at Knoxville, Atlanta and Charleston. Have 4 fine yards. Eggs, \$2 and \$3 for 13. Trios, \$7.50.

Send for mating list.

B. S. DAVIS,  
Sta. 2, CHARLOTTE, N. C.

## BUFF ROCK EGGS



From large, rich, clear Buff; 1st prize winners at Louisville and Jeffersonville, 1907. The noted \$300 cockerel, "King George," heads our 1st pen. Every bird a winner. Eggs from "Giant" strain Bronze Turkeys, line bred, from 45½ to 48 lbs.; 1st prize toms shipped promptly to all parts of the world. Buff Rock Cockerels, large and rich Buff at bargain prices. Write for complete winnings and prices.

J. C. CLIPP,  
Box 36, R. 201. SALTILLO, IND.

## BARRED PLYMOUTH ROCKS

(RINGLETS)

Winners Three Years in Succession at the Greenfield Poultry and Pet Stock Show

I breed from high-scoring birds that are mated for best results. I have made Barred Rocks a specialty for fifteen years.

EGGS AT \$2.00 PER 15

F. E. MENZIES  
DYER, TENN.

## KEIG BUFF ROCKS

Have established a reputation all over the world. We won at Chicago Show, Jan. 23rd to 30th, 1907, 1st Cock; 1st Hen; 1st Cockerel; 1st Pullet. Entered four birds. Eggs \$5.00.

JOHN J. KEIG & SONS,  
LOCKPORT, ILL.

## BARRED PLYMOUTH ROCKS

BRED FOR EXHIBITION AND EGGS

We won ribbons and prizes at such great shows as Hagerstown, York and Washington. Our birds are right, barred true to the skin. Use trap nests. Satisfaction guaranteed. Eggs \$3.00 for 15; \$5.00 for 30, from prize winners. Eggs from utility stock \$1.00 per 15.

HARTMAN SONS, R. F. D. No. 1, Westminster, Md.

## BUFF AND BARRED ROCKS.

I breed prize winners. Won at Birmingham, December, 1906, eight prizes on ten Buff Rocks, 1st cock, 1st and 2nd cockerel, 2nd, 3rd and 4th pullet, 3rd hen and 1st pen.

Eggs, \$2.50 for 15. Satisfaction guaranteed.

J. H. CROWELL, Parrott, Ga.

## RIVERSIDE POULTRY FARMS

S. and R. C. Rhode Island Reds, Barred Plymouth Rocks, S. C. Brown Leghorns, White and Golden Wyandottes. Eggs for hatching from choice stock at \$1.00 per 10, \$1.75 per 30, \$2.75 per 50, \$5.00 per 100. RIVERSIDE POULTRY FARMS,

J. B. COFFMAN & SONS, Props.

R. F. D. No. 19, Box 73, DAYTON, VA.



## BOYS' DEPARTMENT

Address all communications for this Department, or concerning the Boys' National Poultry Club, to ROBERT G. FIELDS, 33 Caruthers Ave., Nashville, Tenn.

Well, boys, our election is "all over and nobody hurt." In fact, every one seems pleased and I trust and believe our newly elected officers will do all in their power to make the club a success.

Our president is H. C. Bunch, of Petros, Tenn. He received 28 votes and won by a majority of 5. Pretty close race, wasn't it? The writer has been elected secretary-treasurer by a majority of 41 votes. I wish to thank you all for the support you have given me. Our vice-president is Frank A. Potts, Box 735, Charlotte, N. C., who received 47 votes, this being more than any other nominee. He did more to bring about a satisfactory election than any other member of the club. He had no opponent, but if he had it would have been just the same, for Potts lets nothing stand in his road to success.

The executive committee, which was appointed by Bunch, consists of: Alfred Fowler, chairman; Archie Ryan, Harry T. Duggan, Louis Engerud, James Cooper.

### Some of Our Members' Winnings

Arthur Witte, Illinois, states that he won 1 ckl. on White Wyandottes at the show held in his city in 1906. He says he has some "top-notchers," so to speak.

Robt. G. Stephens, of Georgia, has made an extra fine show record. The following are his winnings: Georgia State Fair, 2 ckl. and 2 pul. on Buff Cochins Bantams; 2 ck. on Magpie Pigeons; 1, 2, 3 ck. and 1, 2, 3 hen on Tumbler Pigeons. Atlanta Poultry Association, 3 ckl. and 3 pul. on Buff Cochins Bantams.

Chas. Harlow, Mississippi, won on B. P. Rocks, 1 ck., hen, pul. and 1 trio.

The Boys' National Poultry Club is indebted to Mr. A. M. Wilber, of Petros, for a contribution, by check, to the club. Mr. Wilber knows a good thing, and he is helping push it. Three cheers for Wilber Brothers.

I am proud to state that I was enabled to send in a nice little club of HEN subscribers this month. As our membership grows so should the circulation of our most excellent poultry journal. Without it we could not exist as a Club, nor communicate with each other. If I can get every member to read THE HEN our club will win fame and success and be known the world over. Boys, send your subscriptions to me, as it only costs us, in this way, 25c a year. Another thing. I think some of us could win some of the Cash Prizes offered by THE HEN. Let's try it. Boys can do a whole lot when they try, and here's a chance to make some money. Send to THE HEN for a sample copy and full instructions and go out among your grown up friends and ask them to subscribe. Often boys can beat grown people getting subscribers. The names of the boy "Club Raisers" will be published in this department.

R. G. FIELDS.

### A Virginia Boy's Experience

My experience with poultry is limited, as I am only 11 years old, but I want to tell the members of the B. N. P. C. of my success. Last March I had 59 cents which I had saved from the eggs I sold from a mongrel hen which had been given me. With this money I bought 20 eggs from my uncle, Mr. J. P. Bowers, manager of Westover Poultry Farm, at Harrisonburg, Va., who breeds the S. C. R. I. Reds, and White Wyandottes. I breed the Reds. From these eggs I hatched 16 chicks and raised eleven. Sold 6 cockerels when 3 months old for \$1.70 and my mongrel hen for 50 cents. I had four pullets and one cockerel left. My birds are all pure bred and good layers, and I would like to see them beaten. I have some eggs setting now. I want to raise some early layers and hope to have some prize winners next fall. In the past year I have sold enough eggs and chickens to pay for a suit of clothes, a pair of pants, a pair of shoes, a pair of leggins and four pairs of "Black Cat" stockings; in all about \$8.00.

As my chickens are pure bred I can get good prices for their eggs. Right here I want to tell the boys that it pays best to raise pure bred fowls only. I would not give one of my hens today for half a dozen like the old mongrel hen I used to have. My chums are my 15 year old brother and our big St. Bernard dog, "Roger." He is a thoroughbred, two years old and is 31 inches high. He weighs 100 pounds, and can do most anything but talk. He won first prize for excellence in his class at the Virginia Poultry and Pet Stock Show held at Harrisonburg last fall.

HAROLD T. BOWERS.

### A Canadian Boy's Experience

Most boys have a great liking for sets, and I am certainly no exception to the rule. In the fall of 1904 I got the "hen fever" and having coaxed my parents to give me the hens I made my start. My stock consisted of twenty-four hens and two "roosters," part Rocks, part Wyandottes and the rest mongrels. From these birds I sold enough eggs to buy pure bred White Wyandotte eggs. I hatched about 40 White 'Dotte chicks, and I did not lose one through sickness. Among

these chicks were some good birds which I showed at our local fair, winning both first and seconds on them. One of my best pullets hatched April 27th, layed October 4th, and kept it up from then till spring.

The fall of 1905 I built a new hen house and in it I put 40 hens, part mongrels and part White Wyandottes; these layed unusually well all winter. In February, 1906, I bought a Partridge Wyandotte cockerel and three pullets—good ones. I now had a very fair start in the "business." I sold a few settings of eggs and hatched about a hundred chicks that spring. Of these I raised about 70; the rats killed about 25. I now made my biggest mistake, one which I will never make again. I put these 70 chicks into a

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run about 50 x 80 and tried to raise them there. You can guess how well I succeeded. They simply would not grow until I let them have free range, and then they did grow like bad weeds.

By advertising I sold about \$30 worth of stock, selling all my early hatched pullets—another mistake. Last fall I put about sixty dollars into improving my stock, and now have some pretty good ones in both varieties.

This winter I have not had such success in the egg laying line. My father kept telling me to feed more, until I had the hens so fat and lazy they would not lay. Next year I hope to keep a hundred laying hens, besides my exhibition stock, if my parents will let me.

I give a few points I have learned in my short experience:

No. 1.—Never crowd the birds, old or young, and if possible give them free range.

No. 2.—That thoroughbreds are better than mongrels.

No. 3.—To keep the chicks growing from shell to maturity, and give them all they want to eat.

No. 4.—That cleanliness and fresh air are absolutely necessary to health.

No. 5.—That the busy hen is the hen that lays best.

E. WILSON GRIEVE.

#### From a Golden Wyandotte Breeder

Poultry, poultry, better poultry and more of it is the cry of almost every person of the present day. Even the school teacher, lawyer and preacher, who

a few years ago were afraid to get their hands dirty, now have a flock of fine fowls. Boys, can we not do the same. Of course we can. Be sure you get the best variety of the breed you expect to raise, and do your best to improve them, as any one can do their best with their choice fowl. As for me I took the Golden Wyandottes, and honestly believe that I haven't made any mistake in choosing them.

The most important points for consideration in selecting fowls, are beauty, gentleness, good layers, table meat and care for her young. The Golden Wyandotte has every one of these qualities. Think of a fowl more beautiful than one with a rich golden bay, trimmed with black and bright yellow shanks and toes, red ear lobes and wattles. Out in the yard where the sunlight can hit them, they look the most beautiful; the color of each being much the same, seems to shine and blend together, producing a rare picture. I do not speak of the beauty of this magnificent variety alone; for example, the other day I was doing some work near my yard as two men passed and I caught these words: "Look yonder; those are the most beautiful fowls I ever saw," this being the expression of most every one that has seen them. Now for gentleness. That is one of the principal things I like about the Wyandottes. I can go into my yard or house and they will come around and eat out of my hand; I also have a pullet that will fly upon my shoulder, and sit on the handlebar of my wheel and ride

with me. My chickens have an egg-record that the people around here say is good, but I don't know whether it is a good one with those that have studied poultry more than myself. In one of the early spring months last year four of my pullets laid sixty eggs. The Wyandotte is also an excellent winter layer. I do not believe that this variety with their round, plump bodies and yellow meat can be surpassed for the table.

"What is home without a mother," is a thought that comes to my mind when I think of an incubator and brooder, but if all school boys' poultry business is like mine they can not afford them. The hens are good enough mothers for my little chicks, for they are large a plenty to car for several.

I do not mean by what I have said that the Golden Wyandotte variety is the best in the world, but they are as good as any; nine-tenths of the people will tell you.

Now, boys, join the "Boys' National Poultry Club," and remember what Editor Fields said in the March issue of our journal, let's each one of us send in at least one new subscriber to THE INDUSTRIOUS HEN. Let us treat everybody right, be honest and make the Club a great success. With best wishes I beg to remain,

Yours very truly,  
REZNER ORR.

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All run over screens to remove all the useless, wasteful meal and fine siftings. And you'll never find an ounce of grit in Checkerboard Bags to make them weigh more. So there's no waste in Purina Feeds. A feed for every purpose—Purina Mash, Purina Chick Feed, Purina Scratch Feed, Purina Alfalfa Meal.

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WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN



## PIGEON DEPARTMENT

### Pigeon Notes.

Trapnets for the purpose of discovering the mated pairs in a loft are receiving a great deal of attention from the manufacturers of the same. There are two sides to this question but we believe observation is the best teacher.

Novices should take little stock in the dealer who wishes to sell unmated birds to him, and argues they are as good as mated ones. Perhaps with an old-timer it might be very good to start with this kind providing he could get a reduction in the price. In many cases some birds will not mate up promptly, and in our experience we have known cases where it was impossible to keep a pair together.

During the breeding season it is just as well to reduce the corn and increase the wheat and peas, as these two grains are more nutritious, therefore better for the growing of the young birds. Some fanciers have a liking for the smaller kind of maize, as it is said to stimulate the old birds to feed the young ones. It is, however, very fattening and should be fed very sparingly to birds kept in confinement.

Barbs are found today in five colors, blacks, reds, yellows, whites and duns, and it was only a few years back that blacks were most common. Now, we believe reds outnumber all the other colors put together, and very many of them are poor in color, with body, rump and tail of a dun color. This, we are sure, can be altered, for a Barb being a self-colored pigeon, there should be little difficulty in getting it good all through. Blues are heard of, but we have never seen any but would be bred easily from poor blacks with bar. We think the bright red-eye ceres would harmonize nicely with the blue color. Barbs should be bred more than they are, and those having plenty of time to look out for them would find them an interesting breed to take up.

It will be well to remember that while mating is going on, and even when the birds are taking to the nest, a certain amount of confinement will have to be experienced, and in the latter stage the inclination in most cases will not tend towards a great amount of exertion, and probably scarcely enough will be taken to maintain the high condition in which they have hitherto been kept. Thus the natural inference to be drawn from these reflections is that a most sparing diet would be beneficial until the stock have well settled down to nesting operations, and young ones have begun to make their appearance, when of course a more lavish system will be found necessary.

Keep a careful watch on the older stock birds at this time, for it is more necessary than when the weather is severe. They are much more likely to be affected by sudden changes in the temperature than the younger and more robust birds, for after the many different changes that may occur we may find they have fallen off from their natural condi-

tion, and just when it becomes necessary to mate them up we may find that they are not in a fit state when taken in the hand, even if the fact is not brought to the owner's notice in some other manner.

The most noticeable of these signs is the inability to fly up with the usual vigor, or it may be the birds fail to reach the point aimed at, and falls heavily to the point aimed at, and fall heavily to the floor—a sure sign of weakness, loss of from years of experience that the mortality among birds getting on in years is always greater just before or immediately after mating up, and therefore careful watching and a little extra care should be taken of such birds if they are to be tided over the early stage of the breeding season. They should be well guarded against extreme cold, damp and draught, and in these cases less restrictions will be necessary in the way of food, both as to the amount given and the character of the grains.

There is, however, one point in connection with the numbers to be kept that must not be forgotten, and that is whether the young ones expected later on are to be removed or kept in the same loft with the breeders. If another loft is provided for the young the breeding loft can be stocked to its limit if necessary; but otherwise allowance must be made for the expected increase in the population, so as to prevent over-crowding.—*The American Stock Keeper.*

Can you tell me what causes a growth in a pigeon's throat and they get so they can't eat and soon die? It mostly happens to young birds soon after they fly, but once in a while in old ones. Well, hoping to hear from you soon, I remain, R. T., Vacaville, Cal.

Your birds are affected with roup, which is nothing more or less than a cold. The affected birds should be taken to quarters by themselves and kept away from other birds until they are relieved. The disease is very contagious.

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**Macnair's Chicken Powder**  
Kills Hawks, Cures Cholera,  
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## THE HONEY BEE

This department is edited by Mr. G. M. Bentley, University of Tennessee, Knoxville, who will answer questions referred to him. Persons desiring reply by mail must enclose 2c stamp.

### Bee Publications

THE INDUSTRIOUS HEN will be sent with the following:

PRICE FOR THE TWO	OUR PRICE FOR BOTH
\$1.50 Cleanings in Bee Culture, SM	...\$1.00
1.50 The American Bee Keeper, SM	... 1.00

### Notice.

Those interested in bees may feel free to write to the editor of this Department and ask any questions they wish. In replying only initials will be published.

### What Our Bees Need This Month

If you have not already examined your bees this spring do so the first bright, warm day. Notice if there still remain uncapped cells of honey in the brood chamber; notice the number of the bees; notice their activity. This done you know just what is needed. Neglect the bees this month and you may lose many colonies from starvation, spring-dwindling, and lack of sufficient warmth.

If the honey is about all consumed, prepare to feed your bees. For this purpose honey or syrup made from the best granulated sugar may be used. This syrup is made in two ways, viz.: By heat by melting the sugar in its own weight or measure of water, heat slowly, and do not let it scorch. Stir mixture until the sugar is entirely dissolved, then allow to cool slowly, when it is ready for use. Never feed scorched syrup to bees, it acts like as much poison and kills them in large numbers. Because of this danger a cool process of making the feeding syrup is popular. It consists of taking equal parts of sugar and hot water; stir the two until the sugar is dissolved.

**How to Feed**—There are two methods, either by placing the syrup or honey outside the hive or within the hive. Of these two methods it is better to feed within the hive. There are several devices for accomplishing this known as the division-board feeder, the bottom-board feeder, and the top feeder.

Strips of "good" candy may be laid on top of the brood frames. When outside feeding is practiced it should be done carefully in order that the bees may not become demoralized and begin robbing. Feeding outside the hive can be done only during warm weather.

If the colony seems weak care should be taken to contract the brood chamber so that the frames will all be covered with bees, cover well the hives and in every way economize heat. Feed them, if necessary. Water should be near the hives. From experience I find it is beneficial to add a little salt to the water.

### Special Bee Crops.

The question is often asked by beekeepers, if it is not a good idea to plant some special crops from which the bees may gather honey in case there is an insufficiency of white clover and other common flowers. We do not believe that this is necessary with the farmer who has but a few colonies. In fact, a crop raised especially for the bees is never profitable and should never be thought of unless it is to save them from starvation.

It should be remembered that bees commonly go from two to three miles in search of honey. This would mean that each apiary has a range of about 10,000 to 20,000 acres, so that if there are, apparently, but very few flowers, yet the bees in this wide range will find a great deal of honey. Of course, if the farmer can utilize the crop for other purposes and make it pay him a profit for feed or other purposes, then he can certainly provide it as a honey crop.

Take filbert bushes for instance, These make an excellent wind-break, in sections where they can be grown, and then they are valuable for their nuts. In addition to this they furnish pollen very early in the spring. If the farmer, in localities where they can be grown, wishes to keep bees, he would find it an advantage both to himself and to his bees to have a hedge of filberts.

Then, rape makes a very good crop for the honey bee. Fall varieties, sown at the usual time, bloom in the following April and May. Varieties sown any time in the summer will blossom about six weeks after they have been sown. Rape can be used as a pasture for many of the animals kept upon the farm and will pay a profit as a feed besides furnishing blossoms for the bees when they may need it very badly.

All of the fruit blossoms, from the apple to the strawberry, furnish flowers desired, so a variety of fruit should be grown by bee-keepers. Not only would a variety furnish fruit at all times of the year and yield the farmer an income, but they will be the means of keeping the bees supplied with blossoms.

Mustard is another good flower for the bee. This plant sometimes becomes a weed, but if the farmer would cut it for seed instead of letting the seed scatter on the ground, he would not only destroy it as a weed, but would realize a nice little income from it, besides furnishing his bees with a place to procure honey when there is generally a dearth of flowers.

Buckwheat is a plant which can be grown in the summer. It usually blooms about four or five weeks after it has been sown and besides furnishing considerable honey, it is a very profitable crop.

As said before, if the farmer wishes to provide special crops for the honey bees, he should select those crops which will yield him a profit besides furnishing blossoms for his bees. He should begin to make his list now and decide upon their location. In no case should a crop be selected which will not yield him a profit as a feed, fruit or grain and the location may be any place upon the farm which suits the farmer best—the bees will find it if it is within three miles of the apiary.

### The Old Way of Transferring Bees and Making Hives

When transferring bees from hive to hive, we first make a table out of two pieces 1x12, 3 feet long, or use a large box for the same. Then we put the table about 15 feet in front of the old hive and get some old cotton rags and make

what we usually call a match. Light it at one end and give the bees in the hive a good smoking. We then pick the old him up and put it on the table. Then we put the new hive on the old stand, pry the lid off and smoke the bees out. As fast as they get to the mouth of the hive they will hunt the way to the old stand. We generally have some one standing at the new hive to drum on top of it so that all of the bees will find the entrance. We take the old hive off some distance away, pry off two sides and take out the comb and make wax out of it. We transfer bees about April 15th. They don't do well here where they are transferred. We don't handle the Italian bees here. We have what we call the common bees; they are dark striped.

We make our hives as follows: We take a hand saw and get a 1x12, 13½ ft. Saw it up into 3 ft. pieces, nail them together box fashion, leaving one end open for entrance. We nail lid on the evenest end, bore two auger holes 1 inch from the entrance, so as to let the bees in and out, and bore two holes on one side of the hive 1 foot from top for the bees to remain on when hived. Sometimes we go to the swamp, saw down hollow blackgums and nail 1x12, 1½ ft. long on one end. This makes a very good simple hive.—*Home Monthly*.

"A B C of Bee Culture," by A. I. Root, revised by E. R. Root, is a book delightfully written and profusely illustrated which treats of every phase of bee keeping in a practical and interesting manner. It is conveniently arranged in encyclopedic fashion, so that any topic of apiculture may be readily found. The work comprises five hundred pages of valuable information of practical experiences, all of which have been verified by the authors. I know of no work upon bee culture that can be recommended more highly not only to the beginner for a guide and a wealth of information, but to the experienced bee keeper as a book of reference and a source of enthusiasm. This book is sold by The A. I. Root Co., Medina, Ohio, for \$1.20, postpaid.

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## NUT CULTURE

This department is conducted by Mr. Fred S. Dawson, Starke, Fla., to whom all communications should be addressed.

### Culture of Pecan Groves.

If you wish the best results from your pecan tree planting, cultivate them well. Cultivation pays. Mr. J. B. Wight, of Cairo, Ga., says: "The care of the pecan is all-important. On it will depend success or failure. It is not an exaggeration to say that one acre properly cared for is worth ten acres that are neglected. There may be profit in growing pecans with indifferent attention, but the greatest success can only be achieved by the most careful attention to all details. And when I emphasize the importance of this, I do not mean that pecans are more difficult to grow than ordinary fruits and nuts; on the contrary, the opposite is true. The pecan will stand more neglect than the apple, the peach, or the plum, but it is neither wise or profitable to neglect it. There is a pecan tree near here that is forty-eight feet and eight inches high. It has had proper care and has yielded 350 pounds of nuts. There is another tree that is also sixteen years old, and is only four feet and six inches high. It never has had any care since planted and has never borne a nut."

The above is the absolute truth, and shows the results of care and cultivation and what can be expected when trees are neglected and let run to weeds and grass and undergrowth from year to year.

When you set your trees do not fertilize them, but set in the natural soil. When they have been there one year, fertilize them liberally each year if you wish rapid growth. Put your fertilizer around the tree in winter or early spring, but do not heap it up around the tree close, but spread it out evenly—from two or three feet from tree all around, and then out to about the distance from the trunk, as the tree is high. Hoe or plow the fertilizer in thoroughly. You can use stable manure, cotton seed, cotton seed meal or some complete fertilizer strong in phosphoric acid and potash—or some of each. The former two are fine for young trees, as they make a rapid wood growth—the latter fertilizer best for bearing trees, as it takes phosphoric acid and potash to make nuts—to fill them full of juicy, plump meats of best flavor.

Plant your grove in cotton, or corn, Irish or sweet potatoes, or strawberries or garden truck. Do not plant cane or small grain in your grove. If trees are small you can plant up to four or five feet of the trees, dropping further off as trees get larger. Tend your crop in ordinary manner, and keep your trees hoed thoroughly and covered with a sand mulch to draw and hold the moisture. Do not let the grass and weeds grow around your trees; it uses your fertilizer and takes all the moisture from the trees. After September 1st you can let the cultivation stop until the next spring again. In this way, your trees will do well, you can make just as much off the land in

crops, as though the pecan trees were not there, and the crops pay for the cultivation of the trees. When the trees get to large bearing size, and begin to pay well, of course then you can discontinue the crops among them, and cultivate the trees for the nut crop alone, as it will be the best crop then that that land has ever produced, or ever will, in all probability.

If you do not wish to plant any regular crop among your trees, then plow grove shallow, but thoroughly in the spring, follow same by harrowing every two or three weeks, hoeing the trees each time. In June sow cowpeas, plow them in, and let this cover crop stay on through July and August to early in September, and then cut them up and turn them under. It would be all right to sow a crop earlier than June and turn them under about the middle of July and immediately sow another crop and turn same under in fall. Two crops a year turned under would build the land up,



Glimpse of Young Pecan Grove, Cairo, Ga.

reduce cultivation to a minimum, and make the pecan trees grow like weeds. Do not let any pea vines grow or run on your pecan trees, but keep the trees hoed regularly—immediately around the trees—peas or no peas. Velvet beans are good for pecan grove, as well as peas, but if you plant them, you must devote a great deal of attention to them to keep them off your trees, as they are such climbers and runners on medium rich soil. Peas are preferable to the beans.

When the grove gets old some people advocate sowing it to grass, and make a pasture of it. This is a mistake. It will pay to cultivate and hoe it regularly as above, and sow it once or twice a year to peas, or velvet beans. After these cover crops are well grown, you can then turn your stock in with no injury, but may be a benefit. They will eat and trod down the vines, and then in fall they should be turned under. Stock will do your trees no harm after they are five or six inches in diameter at the ground. Until they are that large, do not have any stock rubbing them, and bending and

twisting them about, or you will find that they will be injured more or less.

Perhaps the best paying thing to let run in a pecan grove, be the trees small or large, is a large flock of poultry. They would eat the dry peas and get their entire living, mostly, for a couple of months, among the trees and pea vines.

A young man was passing along the road, one winter. Looking over the fence, he saw an old man working in the field, who looked like he was past the three-score-and-ten mark, being bent and gray and feeble. The young man inquired: "What are you doing?" The old man said: "Setting out a few pecan trees." The young man laughed long and loud, and said: "How foolish, don't you know you never will live to see them bear, or to enjoy the fruits of your labor." "My young friend," the old man said, "when I came into the world I found an abundance of nuts and fruits and flowers, planted here by former generations for me to enjoy. As former generations planted for me, why should I not plant for generations yet unborn?"

In the pecan region of the Southern States there are at least fifty named varieties, nearly all of which are well worthy of perpetuation on account of the

large size and fine flavor of the nuts. These choice varieties of the pecan are as yet but little known, owing to the very small number of trees in cultivation. In the course of time, however, as they are more widely known, they will become the most prized of all the nuts for domestic use, and it is probable that when the supply is large enough they will be preferred abroad to the best Persian walnuts.

The commercial price or value of the choice varieties of pecans as compared with the market value of the ordinary Texas crop is not yet definitely fixed, and it is not likely to be for some years, or until the finer varieties reach the general market. Then the superior merits of varieties like Curtis, Stuart, Frotscher and others now in favor will become apparent and will do much to show that the improved pecan is the most valuable nut grown.

Cash Prizes paid to Club Raisers. See Center Double Page.



## THE KENNEL

This Department is conducted by WALTER J. HUNTER, Johnson City, Tenn., to whom all queries should be addressed.

### The Farmer's Dog

A good dog is of almost inestimable value to a farmer, but a useless cur is worse than a nuisance. There are comparatively few dogs in the country that are worth their keep. Nearly every farmer owns a dog, sometimes three or four; but few are in any way trained to be useful. Dogs are intelligent creatures, and will often pick up enough of their legitimate work about the farm to be useful, but the average cur rarely does. In the dog, as in all other animals, blood tells. The popular idea seems to be that a dog is a dog, and more or less of a nuisance. To pay a good price for a pup would call down the scorn of the neighborhood. And if the dog grew to be a big, fine-looking fellow, the chances are that he would be poisoned by some one who can not realize that a dog is the noblest of animals. A neighborhood is certainly the better off for being rid of a cur, but to willfully murder a fine good tempered animal simply because he is large and strong is nothing less than criminal. In our home town in the past two years there have been no less than half a dozen Newfoundland, St. Bernard and mastiff dogs poisoned. Not one of them was vicious or ill-natured and all were very fond of children. No one can keep a large dog in the town, yet the streets are full of mongrels and curs at all hours of the day and night. It is but rarely that these animals meet an untimely end.

Every one should raise his own dog. Do not accept one that is grown as a gift, buy a pup, and select it with as much care as though it were a hog or other farm animal. Make up your mind as to the use you wish to put him to, and select the best breed for that purpose. If you want a noble, intelligent pet, one in whose company you will be perfectly content to trust the smallest toddler of the home, choose a Newfoundland or St. Bernard; but if you wish a dog that will run to the ends of the farm and bring up the sheep or cows, that will return a breechy animal to its lot, that will save the farmer more steps in a day than four boys would and be more trusty than any hired man, purchase a shepherd dog. Train him in the way he should go, and there will not be a horse or cow upon the farm that you would not part with sooner than with the dog.

There must be a foundation character in a dog as well as in a person. The rest is all in training. It is easy to ruin a child by ill treatment, and it is the same with a dog. There are but few men who are fit to train a dog. It should always be borne in mind that it is not the fault of the dog if he fails to comprehend what is wanted of him. He is a very sensitive animal, and should be treated accordingly. He is faithful to his friends, and will die for them if occasion calls for it.—*Poultry, Pigs and Pets.*

### Dog's Long Vigil at Master's Grave

Trenton, Oct. 27.—Every day for four months a little mongrel dog has hovered over the grave of Frank Riley, hose-man of Engine Company No. 6, who met his death while fighting a fire that destroyed the works of the New Jersey Pulp and Plaster Works in this city last July.

Shortly before his death Riley found the dog almost starving and being mistreated by a gang of boys near the fire-house.

He took the dog to the engine-house, gave it food and a place to sleep, and soon the little fellow was the pet of the place.

The dog would often follow Riley to his home, but refused to have anything to do with any one except his master.

After Riley's body was buried in St. John's Cemetery, the dog was not seen for several days. A search was instituted and the dog was found on its dead master's grave. No amount of coaxing could induce the dog to leave.

Driven to the point of starvation, the dog left the grave today and appeared at its late master's home on South Broad street.

After being fed the animal returned to the graveyard.

It is one of the most remarkable cases of animal devotion in this vicinity.—*New York World.*

### Collies in America.

The intelligence of the collie is believed by many to come as near to human thought as that of any animal, and it is possible to teach them so many things that some very remarkable stories are told about them. They are for this reason the great sheep-dog, and no Scotch herder would attempt to get along without his collies with which he lives alone far off on the hills.—*The Circle.*

### 25 Years Experience in Breeding BARRED ROCKS


—FIFTY—

#### HIGH CLASS COCKERELS FOR SALE

From either cockerel or pullet matings

#### AT HALF PRICE

To make room.

EGGS \$3  \$5 Per Setting, from our Special Matings

#### HUTCHISON & LAMAR

CRYSTAL SPRINGS, MISS.

### Black Langshans

Bred from  
WINNERS

Stock and Eggs for Sale

W. H. COCHRANE, BRISTOL, TENN.

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### WHITE AND BUFF

#### THE WORLD'S BEST BLOOD

More first and special prizes won by my birds than any other breeder in the South.

Eggs from special matings, \$3.00 for 15, \$5.00 for 30, \$10.00 for 100.

Stock for sale. Satisfaction guaranteed or money back. 20 years in the business.

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BRISTOL, - TENN.

## SILVER LACED WYANDOTTES

(Exclusively)

### ELM HILL STRAIN.

Winners of best prizes everywhere shown against best competition.

EGGS FOR HATCHING  
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Write for prices and Catalogue.

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## S. C. W. Leghorns and Collies OF THE BEST KNOWN BREEDING

Eggs for hatching now ready.

Pen No. 1 \$3.00, Pen No. 2 \$1.50 per 15. Have a few more Cockerels and Hens to spare.

Two Collies at stud, fee \$7.50 at present. Hand-some lot of pups for sale.

SATISFACTION GUARANTEED

**W. S. KING, Lonoke, Ark.**

## White Wyandottes

First Pen headed by White Wings, son of prize winners in Alabama and Nashville Poultry Shows. Eggs \$2.00 per 15. Second Pen, Pullets, headed by Bill, \$1.00 per 15. Toulouse Geese eggs from prize winners, \$1.00 per 10.

MISS NORA WRIGHT, Saundersville, Tenn.

## WHITE WYANDOTTES

FISHEL STRAIN, PURE

EGGS \$1.50 PER 15

H. L. PATTERSON

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## WHITE WATER POULTRY YARDS

### BLACK LANGSHANS

(Exclusively)

Write for information.

Space will not permit telling all their good qualities and their winnings.

**J. W. MOORE,**  
CAMBRIDGE CITY, IND.



## ANGORA GOATS

### Angora Goat Publications

THE INDUSTRIOUS HEN will be sent with the following:

PRICE FOR THE TWO	OUR PRICE FOR BOTH
\$3.50 The Angora Goat, Schreiner, 300 pages, beautifully illustrated	.....\$3.00
3.50 Raising the Angora Goat and Mohair for Profit, Black, 500 p. Illus.	3.00
2.00 Angora Goat Raising and Milch Goats, Thompson, 230 p., Illustrated	1.50

"Raising the Angora Goat and Mohair for Profit," by Wm. L. Black, is a beautifully illustrated book of 300 pages, bound in cloth, that should be read by every goat breeder in the United States. Besides being intensely interesting it is equally instructive and is worthy a place in any library. The regular price is \$3.00, but a year's subscription to THE INDUSTRIOUS HEN will be given free with every order.

"Angora Goat Raising and Milch Goats" is a book in which many of our readers would be interested. It gives a great deal of practical information concerning these two breeds of goats, is beautifully illustrated and well worth the dollar asked for it. It is published by The American Sheep Breeder Co., 112 Michigan street, Chicago.

### Milch Goats

Milk is a natural food, and the cow has heretofore furnished almost the sum total of supply; but it has become known that the milk of goats is, in some respects, superior in quality to that of the cow. Goat's milk has been used in Europe for centuries.

The milch goat industry in this country is in its infancy, and is now on a purely experimental basis. It has not been fully demonstrated as yet whether we have the necessary conditions for successful milch goat rearing.

Furthermore, it is not yet certain whether the American people in general will use the milk product, even if it is shown to be equal or superior to cow's milk. It takes a nation a long time to change its habits of diet.

Those who are familiar with the use of goat's milk, lay great claims to its value for children, for invalids, and for cookery. Owing to the light per cent of albumen which it contains, and the extreme fineness of the fat globules, it is said to be both very nourishing and very easy of digestion. Also, the fat globules being so fine, the cream rises very slowly, and thus prolongs its usefulness in the whole form, which is an important item when used for invalids and infants.

It is claimed that goat's milk approaches, both in composition and digestibility, closer to that of human milk than does that of any other domestic animal. Infants deprived of their mother's milk, and wasting away upon a diet of cow's milk, almost invariably regain vitality and assume normal growth when fed on goat's milk.

Likewise, it is claimed by good authority that goat's milk is beneficial to patients suffering from various diseases, among which is consumption.

At present there are only a few places

in the United States where milch goats are raised. The work of breeding and testing is carried on by a few progressive men and women who have faith in the future industry.

A number of communities of foreigners keep goats, both for their milk and for the flesh of the kids.

There are some goat farms in the East, some in the Middle West, and some in the West and Southwest. The small herd from which the accompanying photograph was taken, is kept in southern Illinois.

Goats thrive best on hilly and rocky land, but may be successfully raised on level land, provided it is not wet and swampy. They are great foragers, subsisting on weeds and brush, as well as upon good grass pasture.

A good average pure-bred milch goat gives about two quarts of milk daily. The period of lactation is from five to seven months.

The milk is handled and kept in the same manner which should obtain in any well-regulated dairy.

Milch goats breed tolerably rapidly, a



doe usually giving birth to twins, and frequently to triplets.

Where a family desires to use goat's milk, two does should be kept, allowing one to become fresh at the end of each half-year. In this way a regular quantity of milk may be had the entire year.

Milking must be regular and frequent if the flow is to be long sustained. A doe giving a large quantity should be milked three times a day, to prevent wasting, as the milk easily escapes from a too greatly distended udder.

A milch goat has two teats and is milked in the same manner as the cow. These animals are very gentle and can be milked by children, especially when feed is given at milking time; and they are extremely easy to manage in every way.

The young are ready to breed at one year of age. They should have a tolerably rough range, and not be kept too fat. —Farm Journal, Philadelphia.

JAS. H. ORR R. R. ORR  
**BEAR CREEK POULTRY YARDS**  
Breeder of S. C. Buff Orpingtons, Partridge Wyandottes, S. C. Brown Leghorns. 1st, 2nd, 3rd prizes at Columbia and Franklin, Tenn., shows, scoring 90 1/4 to 94 1/2. Eggs cheap, considering quality of stock. Orpington and Wyandotte, \$1.50 per 15. Leghorns, \$1.00 per 15.  
R. R. No. 1 ORR BROS., Culleoka, Tenn.

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Buff Cochins, Black Minorcas  
EGGS AND STOCK AT ANY TIME

PRICES OF EGGS—Buff Orpingtons \$2.50 per 15, Black Minorcas and Buff Cochins \$1.50 per 15.

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### NORTH ALA. POULTRY FARM,

ISELL, ALA.

JULIAN B. WEBB, Proprietor.

Look up my winnings at the Birmingham show and place your orders early. Stock and eggs for sale from prize winning Light Brahmas, B. P. Rocks, S. C. Brown Leghorns, White Wyandottes. Eggs from these \$1.50 per 15. M. B. Turkeys, Toulouse Geese, Pekin Ducks, Turkey and Goose eggs \$3.00 per 12. Duck eggs \$1.50 per 12. Have some fine young Turkeys for sale, cheap.

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Pen No. 1 headed by 2d Prize (tied for 1st) Cockerel, Knoxville, with 10 high scoring Hens

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## VETERINARY

By M. JACOB, V. M. D.

Advice through this department is free to our subscribers. Will include all domestic animals. Communications should state history and symptoms of the case in full, name and address of the writer. In publishing, initials only will be used.

### Questions and Answers.

**Out of Condition**—I have a horse that seems to be out of condition. Eats plenty, but he lacks energy and hair looks dull.—A. D., Cloverdale.

It is advisable to have your horse's teeth examined as they may need dressing. Feed on nutritious food, such as oats and bran mixed, and good timothy hay. Of the following prescription give one heaping tablespoonful in his feed three times a day:

Powdered Nux Vomica, 2 ounces; Powdered Gentian, 3 ounces; Artificial Carlsbad Salts, 11 ounces. Mix.

**Drenching**—Is it dangerous to drench a horse through the nose?—T. W. P., Powell's.

It is always dangerous to drench horses through the nose, for the reason that the substance which you are giving the animal will frequently enter the windpipe, pass into the lungs and set up teumatic pneumonia which is almost invariably fatal. Many horses and mules are lost every year by injudicious medication. The mouth is the only natural channel by which an animal should be drenched and even then should be carried out carefully.

**Bronchitis**—I have a Shepherd dog that has a very harsh cough, as though something was lodged in his throat. Has been this way for several weeks. What is his trouble? Can you give me a remedy?

The dog is probably affected with chronic bronchitis. I should advise giving one teaspoonful of glyco-heroin every four hours until relieved. These cases usually respond to treatment quite readily. In old dogs it has a tendency to re-occur.

**Bleeding**—Why do you cut back of the third ridge when bleeding a horse in the mouth?—P. H., Maryville.

The palatine artery lies directly underneath the third ridge and when this is cut, it causes a very severe hemorrhage. To avoid this we cut posterior to the third ridge.

**Full Grown**—When is a horse full grown?

Horses are usually full grown when five years old. Some horses mature earlier and some later, depending largely upon environments.

### Origin of the Coach Horse

There are four breeds proper, as each has a registry, of coach or carriage, or large size road horses. In the order of their establishments or breeding up they are the Cleveland Bay, the German Coach and the American trotter of Coacher size.

The Cleveland Bays were originated

in England. The desire for a larger road horse than the Hackney led the English to select from among their thoroughbreds or running horses the largest, and very wisely, by selecting at all times only bays with a star, and no other markings, they built up a breed that could reproduce uniformly the most beautiful color of any breed of horses yet originated. They were uniformly, too, always rangy. They are showy, easily mated and of a proud, obliging disposition. Coming by selection mainly from the thoroughbred they were necessarily of light conformation in body, bone and muscle. When taken from their native macadamized roads and put to use on dirt roads they necessarily proved unable to pull the weight of heavy carriages and were termed too light waisted, and became generally unpopular, especially when farmers required them to perform general farm labor also.

Then in Germany there was originally, generally over the empire and northern France a large, lubberly, black breed of horse generations ago. The Germans longed for a more appropriate coach or carriage puller, and they resorted to selections and importations of the English Hunter branch of the thoroughbred. This English breed has more bone and muscle than the thoroughbreds selected to found the Cleveland Bays. From many generations of selections and crossings and reinfusions of this Hunter blood there came the Oldenburg and Hanoverian coach breed now imported to America as German coach horses.

Get rid of grade sires of all kinds. They are holding back the development of the live stock industry more than any other one element. Breeding to grades is very uncertain, for, being of mixed lineage, the offspring may show characteristics of any one of a number of widely differing ancestors. This tends to uncertain types, and makes the herd lack of uniformity. In pure-breds there is a concentration of the blood of animals of like characters, which will be transmitted to the offspring, giving uniformity and certainty to breeding work. Castrate grade stallions, bulls and other sires at once. The gelding and stags thus produced will sell fairly well and pure-bred sires can be bought at reasonable prices. The sire is half the herd in breeding work and no other way of improving is so cheap as the using of good, pure-bred sires.

### Progress in Horse Dentistry

A story from down in Maine is to the effect that a South Paris man has had his horse equipped with false teeth. Two pivot teeth will be drilled into the bones of each jaw and to these the others will be attached by bridge work. Briggs once had a cow provided with false teeth. A man who has as much ingenuity as this will want to put teeth in his hens.—*Newburyport News*.

**ONLY THE BEST BROWN LEGHORNS**

Males with best stripe in hackle and saddle; females with penciling and color that wins. 50 First Prizes won. Eggs from these winners reasonable. Circular showing Chicago, Boston, Madison Sq. Garden winners, free. W.H. WIEBKE, Box C-2001, Ft. Wayne, Ind.

### LINE BRED LAYERS

Single and Rose Comb White and Brown Leghorns, Single and Rose Comb Black Minorcas; all varieties of Plymouth Rocks, Wyandottes and Light Brahmas.

Three hundred selected birds for sale reasonably.

### TESTE) EGGS FROM SELECTED PENS

\$1.75 per 15, \$3.00 per 30, \$7.50 per 100.

**W. A. HOYT**  
WHITEWATER, WIS.

### Rose Comb Rhode Island Reds

**S. C. BLACK ORPINGTONS**

**S. C. BROWN LEGHORNS**

My pens are now mated for good results and good fertile eggs. Red Eggs, \$2.00 per 15, \$3.50 per 30, \$5.00 per 50, \$8.00 per 100. Only a limited number of settings of Orpingtons at \$3.00 per 15.

Some choice Leghorn pullets for sale at reasonable prices.

**H. M. LAYCOCK,**

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### BUFF LEGHORN

Eggs from America's most phenomenal prize winners and egg producers at \$2.00 and \$5.00 per 15. I positively guarantee every egg. When you think of quality think of

**PETER S. HURT**

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### R. I. REDS and BUFF WYANDOTTES

Rose Comb, Standard bred, hardy and vigorous. Grand layers. 208 and 214 egg strain. Guarantee a good hatch.

**ECCS, \$1.50 to \$2.00 per 15.**

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REGINA JETT, Propr.

### "Kern's New Strain" Tomato Seed

Greatest Tomato out. Why? Because it produces an abundant yield in wet or dry season. Good weight; choice quality; price only 10 cents per packet; also the "Kern System of Tomato Culture," a treatise on the growth, care and culture of Tomatoes. Tells "How to Grow Ten Bushels of Tomatoes on a ten foot Square." Price of booklet 10 cents. If season is too late for seeds, send for booklet anyway. Address

**F. K. KERN, RIVERSIDE, IOWA**

## EGGS

From best White Wyandottes in South—worth double price asked—\$1.50 per 15. Chas. A. Cypher's Model Incubators and Brooders in stock. Circular free.

**WEST H. MORTON, NASHVILLE, TENN.**

Cash Prizes paid to Club Raisers. See Center Double Page.



## LEGAL ADVICE

Clarence W. Barber, Atty., Knoxville Bar, Knoxville, Tenn.

Any inquiries pertaining to subjects discussed in this Department will be cheerfully answered by the writer.

The articles which will appear in this department of THE INDUSTRIOUS HEN will be of such a character as to be both interesting and instructive. It will be the purpose and aim of the writer to state the principles of law pertaining to the subjects which may be discussed in such a way as to be readily appreciated by the reader. The use of technical language will be eliminated so far as possible.

The articles for the following five issues will deal with the subject of animals. Beginning with this issue they will cover the following: I. Property in animals. II. Injury by animals. III. Injury to animals. IV. Damages recoverable for such injuries. V. Animals running at large. VI. Contracts pertaining to animals.

### Property in Animals

The subject of animals in law embraces not only domesticated, but wild animals, and the fish of the lakes and streams, as well as the fowls of the air, both tame and wild. It may, therefore, suggest to the mind of the reader some most interesting questions, of a practical nature.

**FISH AND GAME.**—The fish of our streams are not without the realm of ownership—a property, real in character, and capable of ownership, protection, and sale. Their value is such that states through their legislatures have enacted laws of one sort and another for their protection, and propagation. No question is any longer raised concerning the authority of the legislature to enact such laws. At the common law "fish in streams or bodies of water" have always been classed by the common law as *ferae naturae*—in which the raparian proprietor, or the owner of the soil covered by the water, even though he may have the sole and exclusive right of fishing in said waters, has, at least, but a qualified property, which can be rendered absolute by their actual capture, and which is wholly divested the moment the fish escapes to other waters. Animals *ferae naturae*, or wild animals, can become the subject of absolute property and ownership only by actual corporal possession of them. They must be in, or under the personal control of the capturers in order to be his property. The mere fact that one may be pursuing a wild animal vests no property or right in that person, nor use; so when the pursuit is accompanied with wounding of the animal, unless the wounding be of such a character as to bring the animal within the control of the pursuer. When wild animals have been killed and labor expended upon their carcasses the product of that labor is property, capable of absolute ownership, and therefore the subject of larceny. but it has been said by the supreme court of Tennessee that "as to those animals which do not serve for food and which the law holds to have no intrinsic value, and all other creatures kept for whim and pleasure, though a man may have a base property therein and maintain a civil action for the loss of them, yet they

are not of such estimation as the offense of stealing them amounts to larceny." However, the court in the same case in which the above was held did hold that a dog was personal property and if of any value whatever, was, under the statutes of Tennessee the subject of larceny. So too, the owner of a dog possesses such a property right, that he may maintain an action in the courts to recover the possession of the dog should it be wrongfully taken. Likewise the owner of a dog may successfully maintain a suit for the wrongful or negligent killing of a dog. The amount recoverable in an action of the sort just mentioned depends upon a number of considerations, which will be discussed in a future issue of this paper.

### DOMESTIC ANIMALS.

**Dogs.**—From a Texas case the following interesting quotation is taken: "A dog is the subject of ownership. Trespass will lie for an injury to him. Trover is maintainable for his conversion. Replevin will restore him to the possession of his master. He may be bought and sold. An action may be had for his price. The owner has all the remedies for the vindication of his rights of property in this animal as in any other species of personal property he may possess. He is a domestic animal. From the time of the pyramids to the present day from the frozen pole to the torrid zone, wherever man has been, there has been his dog. Cuvier has asserted that the dog was perhaps necessary for the establishment of civil society, and that a little reflection will convince us that barbarous nations owe much of their civilization above the brute to the possession of the dog. \* \* It may be said that he was *ferae naturae*; but all animals, naturalists say, were originally *ferae naturae*, but have been reclaimed by man, as horses, sheep, or cattle; but, however tamed, they have never, like the dog, become domesticated in the home, under the roof, and by the fireside of their masters."

"Large amounts of money are now invested in dogs, and they are largely the subjects of trade and traffic. In many ways they are put to useful service, and, so far as pertains to their ownership as personal property, they possess all the attributes of other personal property."

### INCREASE OF ANIMALS.

The question of ownership or the increase of animals, especially of the domestic class, is often one of considerable importance especially where the mother is under lease or mortgage, or when the animal is one of registered pedigree.

It has been stated that there is "perhaps no rule of property more general or just than that the offspring of a domestic animal belongs to the owner of the dam or mother." This rule is substantially in accordance with the rule stated by two of the leading text writers on American law who state the rule to be as follows: "Under the rule that the incident follows the principal, a mortgage

of domestic animals covers the increase of such animals, though it is silent as to such increase; and it is not incumbent upon the mortgagee to take and hold the property against the purchaser of such increase." And again it is said that "the general rule of law is that the offspring or the increase of female animals when they come into visible existence and are endowed with independent life, vest under the same title or ownership their dam was subject to at the time they were brought forth. The offspring of mortgaged animals which are born after the making of the mortgage are subject to the lien of such incumbrance. Under the rule that the incident follows the principal a mortgage of female covers her increase."

### Arkansas Home and Highway

Is a new monthly magazine, edited and published by J. S. Hawkins, secretary of the "Arkansas Good Roads Association," at Little Rock, Arkansas, and will be circulated extensively throughout that great and growing state. We are glad to see our sister state taking the lead in this movement, and as good roads, good farms and prosperous people go hand in hand we may look for advancement all along the line. The varied interests of every farmer, whether he is a cotton planter, a poultry raiser or a "goober grabber," are bettered by good roads. In a private letter from Mr. John A. Love, state membership secretary, we are led to believe that the association has a wonderful amount of work planned, and he states that Arkansas is right in line for great prosperity and development. The regular subscription price of this journal is \$1 a year, but we have made arrangements whereby we can send it and THE INDUSTRIOUS HEN, one year for \$1.00. Send us your orders.

Renew your subscription to this paper at once. Don't miss a single number. Three years for \$1.00.

## "RARVA" MEAT MEAL

85 per cent Protein, 7 per cent Fat

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## POULTRY FOOD

That is Economic, Clean, Pure

A Sure Egg Producer and Meat Builder

Sample on request

SACK 100 POUNDS, \$3.00

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Send for the "Rarva" Booklet.

## Southern Pit Games

Is devoted strictly to

### Pit Game Fowls

Now is the time to subscribe. One dollar per year. Sample copy free.

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Blakely, Ga.

N. B.—I also breed the following celebrated pit games: Fleming's Invincibles, Grist Champions, Warhorses, etc. Send for new catalogue, illustrated, and mention this paper.

## CAT ROCK BUFF LEGHORN YARDS

**S. C. BUFF LECHORNS**  
EXCLUSIVELY

Winners at New York's and Connecticut's  
Leading Shows.

R. L. BORDEAUX, Prop., GLENVILLE, CONN.



# KEELER'S WHITE WYANDOTTES



Chief Winamac, Cock Bird which Mr. Keeler values at \$500.

## THE WORLD'S GREATEST STRAIN

The strain of the correct type, the winning type; the strain that breeds on and on, reproducing itself true to type. The Keeler strain are true Wyandottes and will breed you true Wyandotte shape. Their ancestors have been winners at America's leading shows for the past twelve years. They are winning today and will win in the future, because they have more carefully bred blood lines than any other strain in existence, setting the stakes five (5) years ahead of their closest competitors. They are in fact, as well as in name the

## WORLD'S GREATEST STRAIN

Do you want eggs from my eight (8) grand pens containing the cream of the best birds raised the past four years?

They have nice curving corrugated combs, red eyes, nice arched necks, broad backs; short, well spread tails, full, round, broad breasts, fine yellow legs and beak, standard weight or over; are white from surface to skin and will stay white in the hottest summer sun.

My forty page illustrated Catalogue that shows them as the camera saw them will convince you. It's free for the asking. Send for it today.

Eggs from the finest of exhibition matings \$5 per 15:  
\$9.50 per 30; \$15 per 50, and \$25 per 100.

**CHAS. V. KEELER, Box No. 5, Winamac, Ind.**

### Thomas E. Orr Dead

Just as our forms for April were going to press we received the sad intelligence of the sudden death from heart failure on Saturday evening, March 23, of Thomas E. Orr, Beaver, Pa., for so many years the able and efficient secretary of the A. P. A. No poultryman possibly in the United States has done more work in the interest of the A. P. A. and was better known as a poultry judge than he, and his demise will cast a gloom of sorrow upon every one interested in the great work that he was, and for which he gave his life, for he died in the harness. May his ashes rest in peace.

### Money Saved is Money Made.

"Ye womin folk" will have a lot of sewing to be done between now and some other time. You never get through, for as some one has well said, "woman's work is never done," but you could be greatly assisted if you had one of THE INDUSTRIOUS HEN'S High-Arm, Ball-bearing, drop-head sewing machines, as described elsewhere in this issue.

We offer this machine, with all attachments, guaranteed to give satisfaction, with a year's subscription to THE INDUSTRIOUS HEN for \$16.

This is much less than the price of a machine equal to ours when bought in the regular way. It is high-arm, first-class, ball-bearing, guaranteed, all attachments, drop-head, and offered for only \$16.

We have sold hundreds who are delighted, and we hope to receive your order with \$16 enclosed. We ship these from the factory and guarantee the freight to be not over \$2.

## AT THE BIG NASHVILLE SHOW



1st, 2nd, 3rd, 4th and 5th on Cockerels; 1st and 2nd Cock (only two entered); 1st, 2nd, 4th and 5th Pullets; 4th and 5th Hens (they were all cut for over weight); 1st, 2nd and 5th Pens.

### AT COLUMBIA, TENN.

1st, 2nd and 3rd Cockerel; 1st, 2nd and 3rd Pullets; 1st and 2nd Hen (had no cocks entered); 1st and 2nd Pens, and five out of six specials for shape of cockerels.

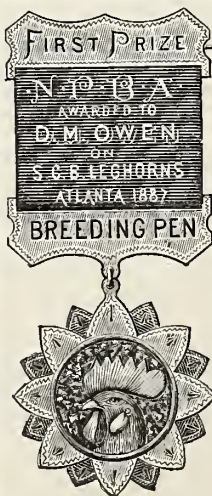
If this record can be beaten in the United States I would like to see it and I did not have to go North for my foundation either, only went to Harry Clubb, Pleasureville, Ky.

Eggs from my prize pens \$3 per 15

As they are gathered from all pens, \$2 per 15

**J. T. DAVIS, LEWISBURG, TENN.**

The Barred Rock Man



1884

1907

**D. M. OWEN**

Athens, Tenn.

Originator and Breeder of Owen Strain of

**S. C. Brown Leghorns**

The best colored female strain in America. For 20 years the leading prize-winners of the South at the largest shows in hottest competition. They lead all others in number of prizes won

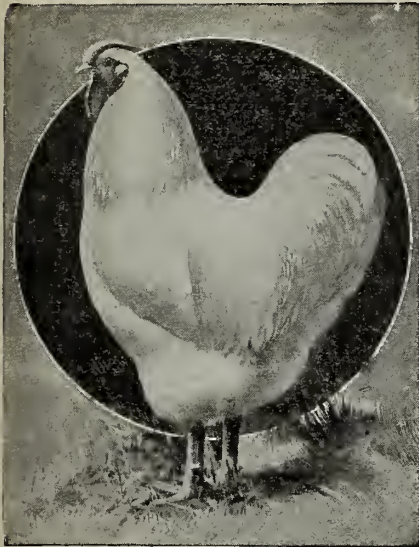


IF YOU WANT TO

**RAISE PRIZE WINNERS**

**Get Eggs from my Pullet and Cockerel matings**





## EGGS! EGGS!

We have mated 15 yards for the Egg trade. In ordering a setting of eggs you get one egg from each yard. We have no special mating for our own use. If we were to offer \$1,000.00 each for hens we could not get better females; for we have the Best of the World's Best in these yards.

We never before had such a grand lot of birds mated as we now have. Birds hatched and raised from the eggs from these matings are going to be the winners at the shows next season.

Although the quality of our stock has increased two-fold the price for eggs remain the same,

### \$5.00 PER SETTING

Unless selected from one special mating.

This is a grand opportunity for you to get for your foundation stock at a very little cost to you, some of the

### World's Best White Wyandottes

Send 10c in stamps for our Mating Circular, Catalog, and a Picture of two of Our Winners in their natural colors.

**J. C. FISHEL & SON**

24 E. JACKSON ST.

HOPE, INDIANA

## WHITE WYANDOTTES

BRED TO WIN

BRED TO LAY

WON AT BIRMINGHAM, ALA., DEC., 1906

1st Pen, 1st Cockerel, 2d Cockerel (tied), 2d Pullet, 5th Cock, Silver Cup, and three specials

AT NASHVILLE, JANUARY, 1907

1st and 2d Pullets, 1st Hen (tied), 2d Cockerel, 2d Pen, Ivory Soap Cup and three specials

**EGGS, \$1.50 PER FIFTEEN**

**B. A. HASTINGS, Box 24, GALLATIN, TENN.**

## WHITE HILL POULTRY FARMS

Send for their mating list, it's free. They have had a sweeping victory in the leading shows this season with their Blue Ribbon strain.

### S. C. WHITE LEGHORNS

At Knoxville, December 11-14, 1906, they won more blue ribbons than all other S. C. W. L. exhibitors combined and their S. C. Buff Orpingtons win all over the South. With two entries at the big show at Lansing, Mich., won 2nd cock, 3rd hen. Our

### WHITE WYANDOTTES WIN WHEREVER SHOWN

Eggs from any of the above at \$2.00 per 15; \$10.00 per 100. Express paid on 100 and over. Write me your wants and you will be satisfied that you received your money's worth.

**A. J. LAWSON, Proprietor**

R. D. No. 7, Box 66

CLEVELAND, TENN.

AGENT FOR CYPHER'S INCUBATORS

## PAXTON'S WHITE WYANDOTTES EGGS. EGGS. EGGS.

Pen 1. Headed by "John D," score 94½; six Pullets, scoring 94 to 95½, including "Lady D," true Wyandotte, best shaped pullet in the South. EGGS, this Pen, \$2.50 per 15.

Pen 2. Good UTILITY STOCK. EGGS, this pen, \$1.00 per 15. Send me your order. I'll treat you right.

**A. J. PAXTON, Jr.**

INDIANOLA, MISS.

## BLACK LANGSHANS

EGGS FOR SALE FROM PRIZE WINNING STOCK  
WRITE FOR PRICES

**J. C. ADAMS, Bristol, Tenn.-Va.**

## CLUBBING LIST

By special arrangements we are enabled to offer subscriptions to the following publications, together with a year's subscription to the INDUSTRIOUS HEN, at the following reduced rates:

PRICE FOR THE TWO	OUR PRICE FOR BOTH
\$1.00 Apple Specialist, two years, M	.....\$ .60
1.00 Alabama Times, W	..... .65
2.00 Angora Goat Raising and Milch Goats, Thompson, 230 p., cl., Ill.	.....\$ .75
1.50 Arkansas Home and Highway	..... 1.00
1.75 Australian Hen, M	..... 1.25
.75 Building Plans and Designs,	..... .65
1.50 Bob Taylor's Magazine, M	..... 1.15
2.50 Breeders' Gazette, W	..... 2.00
1.50 Bryan's Commoner, W	..... 1.00
1.50 Cosmopolitan Magazine, M	..... 1.15
4.50 Country Life in America, M	..... 4.00
1.00 Farmer's Guide, Lynchburg, Va., W.	..... .60
1.50 Farming and \$1,000 Accident Insurance Policy, M	..... 1.25
3.50 Farming, American Farmer, American Poultry Journal, Kimball's Dairy Farmer, a portfolio of six beautiful pictures, worth \$1, M	..... 2.00
2.50 Field and Fancy, Dogs W	..... 2.00
1.00 Farm Journal, two years, M	..... .60
1.50 Farm Journal, five years, M	..... 1.00
1.00 From the Anvil to the Pulpit	..... .65
1.50 Cleanings in Bee Culture, SM	..... 1.00
1.00 Green's Fruit Grower, M	..... .60
1.50 Harper's Bazaar, M	..... 1.25
4.50 Harper's Magazine, M	..... 4.00
4.50 Harper's Weekly	..... 4.00
1.00 Knoxville Journal & Tribune, W.	..... .75
3.50 Knoxville Daily Journal & Tribune	..... 3.00
1.00 Knoxville Weekly Sentinel	..... .75
3.50 Knoxville Daily Sentinel	..... 3.00
1.50 Little Folks' Magazine, M	..... 1.00
1.50 Madisonville Democrat, W	..... 1.00
2.00 Pearson's Magazine, M	..... 1.50
3.50—Raising the Angora Goat and Mohair for Profit, Black, 500 p. Illus.	..... 3.00
1.50 Rural Magazine, M	..... 1.15
1.00 Reliable Poultry Journal, M	..... .75
2.50 Review of Reviews, M	..... 2.00
1.00 Southern Agriculturist, M	..... .60
1.50 Southern Cultivator, SM	..... 1.00
1.50 Southern Pit Games, M	..... 1.10
1.00 Southern Planter, M	..... .65
2.00 Standard of Perfection	..... 1.75
1.50 Success Magazine, M	..... 1.15
1.00 Successful Farming	..... .60
1.50 The American Bee Keeper, SM	..... 1.00
1.50 The American Boy, M.	..... 1.00
3.50 The Angora Goat, Schreiner, 300 pages, beautifully illustrated	..... 3.00
5.50 The Delineator, McClure's World's Work, M	..... 3.25
1.00 The Dog, Maxtee, 135 p. cl. ill.	.....\$ .75
1.50 The Garden Magazine, M	..... 1.15
1.50 The Press and Standard, M	..... 1.00
1.50 Times-Journal, Tazewell, Tenn., W.	..... 1.15
1.50 U. T. Farmer, M	..... 1.15
1.50 Woman's Home Companion, M	..... 1.15
1.50 Woman's National Daily	..... 1.15
2.25 Youth's Companion, M	..... 1.75

THE INDUSTRIOUS HEN will be sent three years instead of one, by adding 50c to any of the above prices.

Mr. Plummer McCullough, Mercer, Pa., has just issued a 1907 mating list that should be in the hands of every one interested in White Plymouth Rocks. Mr. McCullough has mated six pens for the egg trade and is prepared to care for all orders. His pens are headed by such birds as "Snowstorm," "Coolspring Superior," "McCullough's White Cloud," "Coolspring Sailor," "Michael P. Jr.," and "Coolspring Jerry." These birds are all pure "Fishe" blood and the very highest quality. Mr. McCullough needs no introduction to our readers as he has been a regular contributor to our columns for the past two years under the heading of "McCullough's Poultry Pointers." Send for his mating list and mention THE INDUSTRIOUS HEN. We recommend him.

## Why So Sure?

FINE POULTRY

It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser.

## The Successful

is the nearest of all the out and out automatic machines, both Incubator and Brooder. They can be depended upon under all conditions to hatch the most and brood them the best.



100 pens standard fowls. Incubator and Poultry Catalog FREE. Booklet "Proper Care and Feeding Small Chicks, Ducks & Turkeys," 10c. 50c poultry paper 1 year, 10c. Des Moines Incubator Co., 267 Second St., Des Moines, Iowa.





### To the Poultrymen of the South.

Dear Friends—We are glad to be able to come before you in so short time, but our many friends have made it possible that we are still "kicking" for existence. Owing to the very large obligations which we made last spring, based on some plans that did not mature, for a while we had to quit business, because of the fact we had no operating money. There has been many letters received during this time, which were not answered then, but we have tried to answer them since, but we know that some of them were misplaced in the writer's absence from home during the fall, trying to get things in shape to keep things going, and those never receiving any reply, we trust that they were not caused any inconvenience and that they will write us later.

To commence with, I will say that we have discontinued handling poultry supplies of other makes and have restricted our business to the manufacturing of our own products. We will in a few weeks be able to introduce to you the new Hoffman Incubator, which, if you will pardon me, I will say that it is self-ventilating, automatically supplied with the right amount of moisture, requiring less fuel and is much simpler than any incubator made today. While we did wrong last year in going in debt so deep, but that was one of the things that was necessary to our success and it will be a lesson to me. The incubators at the present will be made by one of the largest manufacturers in Quincy, Ill., for us, but those people in the lower south, will be supplied from our warehouse, which we are going to establish in Birmingham in the near future. We have, through the courtesy of some friends, been able to nearly complete our new cooping plant, which will be the largest exclusive cooping plant in the world. It is fitted with the very best labor-saving machinery, in order that we turn out a high-grade article at the lowest prices. We now have nearly completed our Chicken Charcoal plant, which is located at Sylacauga, Ala. This will be the largest chicken charcoal plant in the United States, which will have a capacity of over 1,500 bushels per day, and think we will be able to fill the demand for this the coming season. Last year we had to turn down lots of orders, by not having the material, but now we are located where we can secure an inexhaustible supply at a fair price, which will mean that we can give you a much better article at a better price than before. Again we have a much better grading apparatus which will sort the different sizes better and can be fed with more economy.

Words simply seem meaningless when I try to express my appreciation of again being able to come before you and if careful, hard and steady work will win the fight, why I intend to remain with you until the last.

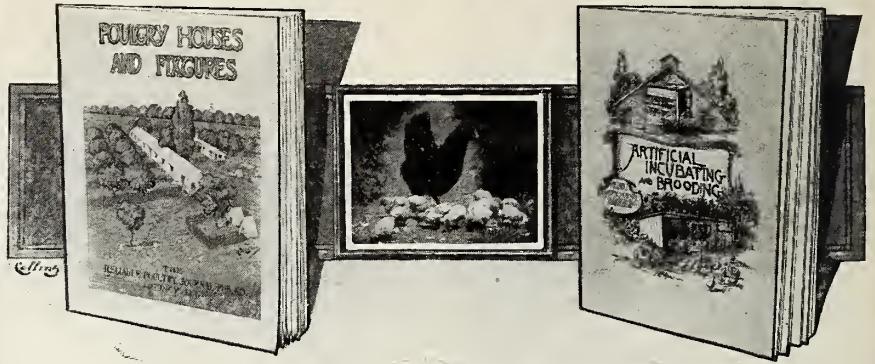
With my best wishes and hoping that you will stick to me in this matter, which I again assure you that it will be appreciated, I beg to remain,

Yours most faithfully,

J. LEON HOFFMAN.

Proprietor Hoffman Poultry Supply Co.,  
Waverly, Ala.

## PRACTICAL POULTRY BOOKS



*Successful Poultry Keeping* contains, we believe, more and better practical, reliable information on the subject of "Poultry for Profit" than any other book published. 160 pages, nine by twelve inches, illustrated. Price \$1.00.

*Poultry Houses and Fixtures* shows plans of low-cost, practical and labor-saving houses, designs for inside fixtures, roosting coops and coops for young chicks, and all necessary appliances for the poultry yard. 96 pages, nine by twelve inches, illustrated. Price 50 cents.

*Artificial Incubating and Brooding.* Solves all problems of artificial incubating and brooding. Tells how to obtain strong-germed, fertile eggs, etc. Results gained from practical experience. 96 pages, nine by twelve inches, illustrated. Price 50 cents.

*The Chick Book.* Tells how to obtain good hatches; how to care for chicks of all ages; how to feed for breeders and for broilers and roasters; how to build coops; gives complete instruction in all work connected with successful chicken growing. 80 pages, nine by twelve inches. Illustrated. Price 50 cents.

*Eggs and Egg Farms* is made up of articles from experienced breeders, giving methods of housing, breeding, rearing and feeding to increase egg production. Contains chapters on pedigree breeding. 96 pages, nine by twelve inches, illustrated. Price 50 cents.

*The Plymouth Rocks.* Barred, Buff and White. Gives rules of mating followed by the most successful Plymouth Rock breeders, with a chapter and chart on line breeding. Contains color plate of each variety. 110 pages, nine by twelve inches, illustrated. Price 50 cents.

*The Leghorns.* The best illustrated standard of all varieties of the popular Leghorns. Mating schemes clearly described. Color plate of S. C. W. Leghorns. 78 pages, nine by twelve inches, illustrated. Price 50 cents.

*Asiatics.* A work on Brahmas, Cochins and Langshans. Contains "inside" information necessary to success, with standard and ideal charts for all varieties. Color plates of Buff and Partridge Cochins. 100 pages, nine by twelve inches, illustrated. Price 50 cents.

*Ducks and Geese.* Gives all details of hatching, rearing, fattening and marketing. Describes labor-saving methods. 68 pages, nine by twelve inches, illustrated. Price 50 cents.

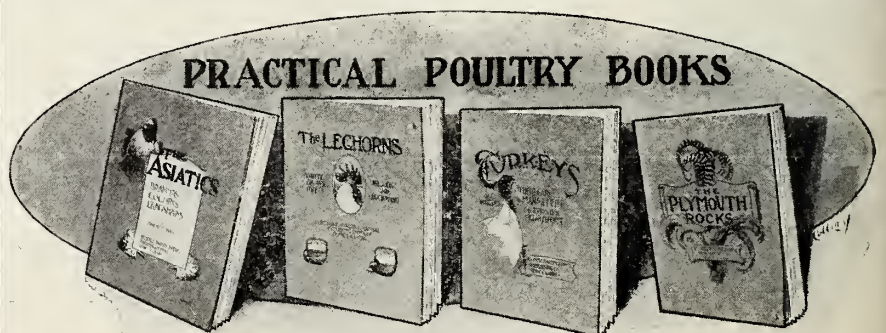
*Turkeys.* Every detail of the turkey business explained fully and clearly. Written by the world's foremost turkey growers. Contains color plate of ideal Bronze turkeys. 84 pages, nine by twelve inches, illustrated. Price 50 cents.

*The Bantam Fowl.* Mr. T. F. McGrew, judge and breeder, tells how to house, feed and grow Bantams, how to treat their diseases, etc. 72 pages, nine by twelve inches, illustrated. Price 50 cents.

*Reliable Poultry Remedies.* Points out the causes, describes symptoms and gives simple and tested remedies for all diseases. Six by nine inches, 84 pages. Price 25 cents.

Send order with remittance to

The Industrious Hen Co., Knoxville, Tenn.





# OVER \$1,000.00 IN CASH PRIZES

TO BE GIVEN AWAY BY THE INDUSTRIOUS HEN  
**EVERY CLUB RAISER GETS A PRIZE**  
CASH PRIZES RANGE FROM \$1.00 TO \$200.00

Read this unparalleled proposition and send at once for subscription blanks and receipt books

## \$500

### In Grand Cash Prizes

**\$500 in Cash will be distributed to club raisers of The Industrious Hen in the following manner:**

#### \$200.00 IN CASH

To the club raiser sending the largest number of subscribers from May 1, 1907, to October 30, 1907, provided the number of subscribers sent in is not less than 1,000.

#### \$100.00 IN CASH

To the club raiser sending the second largest number of subscribers from May 1, 1907, to October 30, 1907, provided the number of subscribers sent in is not less than 500.

#### \$50.00 IN CASH

To the club raiser sending the third largest number of subscribers from May 1, 1907, to October 30, 1907, provided the number of subscribers sent in is not less than 250.

#### \$25.00 IN CASH

To the club raiser sending in the fourth largest number of subscribers from May 1, 1907, to October 30, 1907, provided the number of subscribers sent in is not less than 125.

#### \$15.00 IN CASH

To the club raiser sending the fifth largest number of subscribers from May 1, 1907, to October 30, 1907, provided the number of subscribers sent in is not less than 75.

#### \$10.00 IN CASH

To each of the six club raisers sending us the sixth, seventh, eighth, ninth, tenth, and eleventh largest number of subscribers from May 1, 1907, to October 30, 1907, provided the number of subscribers sent in by each is not less than 60.

#### \$5.00 IN CASH

To each of the ten club raisers sending us the twelfth, thirteenth, fourteenth, fifteenth, sixteenth, seventeenth, eighteenth, nineteenth, twentieth and twenty-first largest number of subscribers from May 1, 1907, to October 30, 1907, provided the number of subscribers sent in by each is not less than 45.

### Rules Governing Contest

No subscription will be received until the 1st day of May, and no combinations, reductions or commissions will be allowed, *except that a three years subscription to one address for \$1 will be counted as two subscriptions in this contest.* Annual subscriptions are 50c straight anywhere in the United States, Mexico, Canada, Cuba or the Philippines, and 75c in foreign countries.

All subscriptions mailed up to October 30 will be counted.

Now is the time to start your clubs—subscriptions to begin with any issue desired.

During the summer months 50c subscriptions will be easy. You have six months in which to work up a club. All subscriptions are cash and must be sent in with the list of names. An accurate account will be kept with each contestant and sample copies mailed to lists of prospective subscribers sent in by club raisers.

Women, boys, girls, here is your opportunity to make money during the dull season—at vacation—camping, picnicking—anywhere—having a good time. All you need is a sample copy, subscription blanks and a small receipt book; put them in your pocket and go to work. We supply all free.

\$200 is not often so easily earned. It is cash money down and you might as well have it as anybody. If you don't get the \$200 you are bound to get something. There are twenty-one Grand Cash Prizes, and four times as many Consolation Prizes, and they are all going to be received by some one on the 30th day of October, 1907. The Consolation Prizes are limitless. Every club raiser gets something. We don't want you to work for us for nothing. Read this over carefully.

Begin now, but hold your subscriptions until Wednesday, the 1st day of May, and then send in your list regularly once a week. Ask a merchant or friend to write you a check and save postal fees. Send to us for subscription blanks, receipt book, addressed envelopes, free sample copies, etc.

Address all correspondence to

**The Industrious Hen Co.**  
Knoxville, Tenn.

## \$500

### In Consolation Cash Prizes

**\$500 additional in Cash will be distributed as Consolation Prizes in the following manner:**

#### \$185.00 IN CASH

For instance, if more than one club raiser sends in a club of 1,000 or more, the one sending in the second largest list will be given as a consolation prize \$185.00.

#### \$90.00 IN CASH

If more than one club raiser sends in a club of 500 or more, the one sending in the second largest list will be given as a consolation prize \$90.00.

#### \$45.00 IN CASH

If more than one club raiser sends in a club of 250 or more, the one sending in the second largest list will be given as a consolation prize \$45.00.

#### \$22.50 IN CASH

If more than one club raiser sends in a club of 125 or more, the one sending in the second largest list will be given as a consolation prize \$22.50.

#### \$12.50 IN CASH

If more than one club raiser sends in a club of 75 or more, the one sending in the second largest list will be given as a consolation prize \$12.50.

#### \$8.00 IN CASH

If more than six club raisers send in clubs of 60 or more, each one will be given as a consolation prize \$8.00.

#### \$4.00 IN CASH

If more than ten club raisers send in clubs of 45 or more, each one will be given as a consolation prize \$4.00.

#### \$2.50 IN CASH

To every club raiser sending in 25 or more, and failing to receive any of the above prizes, we will pay \$2.50 in cash.

#### \$1.50 IN CASH

To every club raiser sending in 15 or more, and failing to receive any of the above prizes, we will pay \$1.50 in cash.

#### \$1.00 IN CASH

To every club raiser sending in 10 or more and failing to receive any of the above prizes, we will pay \$1.00 in cash.

**Contest Begins May 1, '07=Closes Oct. 30, '07**





No. 6; Score 93, Egg Record 197.

BLUE BLOOD  
Winners.

HARD TO BEAT

LARGE PRODUCTION  
Layers.BAYNE'S EGG RECORD STRAIN OF  
WHITE WYANDOTTES

With fowls having an average egg record of 198 eggs in a year, I won this season at Knoxville, December, 1906, 1st hen, 3d cock, 2d pen, highest scoring W. W., and had best shaped male. At Bristol, Va., January, 1907, 1st, 2nd cock; 1st cockerel; 1st, 2nd, 3rd, 4th hen; 1st, 3d pen; best shaped male, and silver cup for largest winning display of 10 or more birds in American class. My fowls have vigor, health and hardiness; raised on free range—forty acres. Breeds, show or business birds on sale. Eggs \$2 for 15; \$3.50 for 30; \$4.50 for 50; \$8 for 100.



T. L. BAYNE, RUSSELLVILLE, TENN.

Cup Won at  
Bristol Show.

## Single Comb Brown Leghorn Club

The third annual meeting was held at Cleveland, O., January 17, 1907, in connection with the Cleveland Fanciers' Show and was well attended. The entries of the members made the class of Browns the largest ever shown in Cleveland. The quality was the finest, many birds not getting a place that would easily score ninety-three or better, and members won the majority of the prizes, as shown below:

J. G. Bruce, La., 5 ribbons; T. H. Woods, Mo., 4 ribbons; Mrs. Charlotte Wilkerson, Mo., 1 ribbon; E. S. Schaller, Pa., \$2.00 cash and 3 ribbons; F. Schellang, Pa., \$5.50 cash and 3 ribbons; G. A. Gage, Ind., 5 ribbons; Mrs. A. B. Gretton, Mich., 1 ribbon; Fred Mott, Mich., 3 ribbons; T. E. Clayton, Mich., 2 ribbons; John Morris, Col., 3 ribbons; S. S. Magley & Son, Ind., 3 ribbons; E. E. Carter, Tenn., Cup, \$9.00 cash and 5 ribbons; P. T. Hobart, N. Dak., 1 ribbon; S. W. Crosby, O., 5 ribbons; J. W. Gauthier, O., 1 ribbon; E. W. Staebler, O., 1 ribbon; A. H. McIntyre, Wis., 2 ribbons; John P. Greene, N. C., 4 ribbons; A. L. McCall, Minn., 1 ribbon; H. C. Short, Kans., 5 ribbons; G. W. Richardson, Ariz., 4 ribbons; M. S. Copeland, Tenn., 4 ribbons; Val Berner & Son, Pa., 1 ribbon; F. H. Cook, Pa., cup and 5 ribbons; Gust Endres, Pa., 1 ribbon; J. H. Henderson, Tenn., 3 ribbons.

The following officers for 1907 were elected: E. E. Carter, President, Knoxville, Tenn.; H. M. Moyer, Eastern Vice-President, Bechtelsville, Pa.; Wm. C. Warnock, Western Vice-President, Geneseo, Ill.; W. H. Wiebke, Northern Vice-President, Fort Wayne, Ind.; Loring Brown, Southern Vice-President, Smyrna, Ga.; S. W. Crosby, Central Vice-President, Newton Falls, Ohio; E. W. Staebler, Secretary-Treasurer, 2449 Tremont Street, S. W. Cleveland, Ohio.

An incubator or brooder, no matter how well made or how scientifically designed can not produce good results unless the heating apparatus is such as to insure clean and smokeless air, and an even temperature. This can be obtained by the use of a high gravity, water white oil in the lamps, and the famous Soline Lamp Oil possesses all the qualities which make an ideal oil for this purpose. A trial will convince you of the truth of this statement. Write or phone to the Tennessee Oil Co., Knoxville, Tenn.

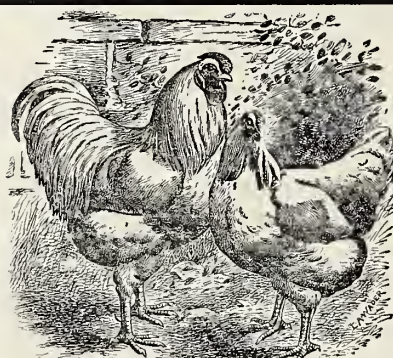
Look at the date after your name on the wrapper or cover and see when your subscription expires. You can renew now, three years for \$1.00.

Only \$12.75 and we Pay  
the Freight.This  
230 Egg

ROYAL INCUBATOR

the world's best hatcher. Don't pay more for poorer machines. Investigate our bargain offer, our bank guarantee and our free trial. It will pay you. Incubator and poultry supply catalog free. Booklet, "Proper Care and Feeding of Chicks, Ducks and Turkeys," 10c; 50c poultry paper one year, 10c.

Royal Incubator Co., Drawer 90 Des Moines, Ia.

SANITARY POULTRY YARDS  
"FAMOUS" WHITE WYANDOTTES

Foundation stock of the noted strains of A. G. Duston, J. C. Fishel & Son, Jno. W. Boswell, Jr. and Dr. Bricault. From these I have built up by the Trap-Nest Individual record system, using nothing in breeding but the best, what I am pleased to call the

## FAMOUS STRAIN

I breed for merit and sell on honor a strain of heavy layers. They are snow white, prolific and strong—the best all purpose fowls. Eggs from Pen No. 1, Select prize winning, \$3.00; Pen No. 2, Choice matings, \$2.00; General Utility Pens, \$1.50 for 15.

W. T. ROBERTS, Curley, Ala.  
Member National White Wyandotte Club

## B U F F W Y A N D O T T E S

## SILVER CUP WINNERS

## WINNERS AT THE GREAT A. P. A. SHOW, JANUARY, 1907



First and Second Cock; First, Second and Third Hen; First, Second and Third Hen; First, Second and Fourth Cockerel; Second and Third Pullet; First and Second Pen (State Cup). This, with my record of four firsts at the New York State Fair, 1906, stamps the quality of my strain. No breeder can show a better record.

EGGS FROM BEST MATINGS, \$5.00 FOR 15

Write for prices and stock.

C. P. DeWITT,

BINCHAMTON, N. Y.

## FERGUSON'S WYANDOTTE YARDS

High Class, Pure Bred WHITE and SILVER WYANDOTTES for sale

EGGS \$1.25 FOR 15

L. FERGUSON, Proprietor, New Middleton, Tenn.

## CARLTON'S SINGLE COMB BLACK MINORCAS

Lead the South, and have an unequalled show record, winning this season in seven shows 73 prizes; 23 firsts, 17 specials. If you want Standard weight, buy eggs of me, then do your duty. \$2, \$3 and \$5 per 15; Incubator Eggs \$8 per 100. Day old chicks 25c each.

MERRELL CARLTON,

COLLEGE PARK, GA.

WOODCOTE POULTRY YARDS WHITE WYANDOTTES  
EXCLUSIVELY

At January Nashville show I entered only 8 pullets; they averaged 94 points. Entered only 1 cock; he scored 94 and took third, tying for second on points, losing on weight (94 lbs.). All eggs guaranteed. Prices from \$1.50 to \$5.00 per setting, according to matings. I invite inquiries.

MRS. WM. R. LUKE, R. F. D. No. 5, Nashville, Tenn.

## PARTRIDGE WYANDOTTE PARK

Agent for Prairie State Incubators, Brooders and Supplies. Breeder of exhibition Partridge, Silver Pencil and Buff Wyandottes. But few more birds for sale. Eggs in season. Ask for folder and get my winnings at three great shows. I please others. I can please you.

J. D. PAYNE, Proprietor.

BURLINGTON, N. C.



# MADDEN'S BARRED ROCKS

## WINNINGS

Knoxville Show, January, 1906

1st Cock, 1st and 2d Hens, 2d and 4th  
Pul et, 2d and 3d Cockerel, Tie 2d Pen

Knoxville Show, Dec., 1906

1st, 2d, 3d and 4th Cocks; 2d and  
4th Hens, 2d Pen; 3d Pen, tie.

EGGS, \$3.00 FOR 15

\$5.00 FOR 30

MRS. W. R. MADDEN, SOUTH KNOXVILLE, TENN.



## GILVO POULTRY FARM

Every bird bred from high scoring, prize winning stock. Size and egg production not neglected. Eggs from BARRED ROCK pen 1, 13, \$2.00; 26, \$3.50; pen 2, 15, \$2.00; 30, \$3.00; pen 3, 15, \$1.50; 30, \$2.50. R. C. BROWN LEGHORN eggs from best matings, pen 1, 15, \$2.00; 30, \$3.50; pen 2, 15, \$1.50; 30, \$2.50. S. C. BUFF LEGHORN eggs, pen 1, 15, \$2.50; 30, \$4.00; pen 2, 15, \$2.00; 30, \$3.50. A lot of choice B. P. Rocks and S. C. Buff Leghorn ckl. at \$1.50, \$2.00, \$2.50 and \$5.00 each. Let me book your orders for spring delivery.

**Satisfaction Guaranteed or Your Money Back.**

Money orders should be made payable at Tupelo, Miss.

**F. E. BALLARD, PROP., GILVO, MISS.**

## LANIER'S BARRED ROCK EGGS

Are as good as the best, because they are the "Ringlets," and the "Ringlets" are the World's renowned. I shall ship out the best lot of eggs this season that I have ever sold at \$3 per 13; \$5 per 26; 7 per 39. Every male headed is a fine exhibition specimen and traces back to N. Y. Winners. Am booking orders now for Spring delivery. First come, first served. Write today to

**DEWITT LANIER, BARRED ROCK SPECIALIST**  
**BOX K, CARDWELL, MO.**

1883

**EGGS! EGGS!**

1907

## BARRED ROCK HEADQUARTERS

Pens mated for 1907. Bear in mind when placing your orders for eggs we have won more first prizes at the Big Chicago Shows in the last 14 years than all competitors combined.

Still have 300 choice birds for sale. Large Catalogue and mating list for stamp, showing where the good ones are raised. Testimonials, etc.

Registered Holstein Cattle—best milk and butter families of the world.

R. E. HAEGER  
President.

**R. E. HAEGER & CO., ALGONQUIN, ILL.**

B. E. ROGERS  
Secretary.



**WANT QUALITY? THEN BUY "JERSEY STRAIN"**  
**WHITE PLYMOUTH ROCKS**  
**PEKIN DUCKS AND HOMER PIGEONS**

They always please and win. Silver cup and gold special at State White Rock Meeting this season; also won at Philadelphia, Scranton, Paterson and Bridgeton. Full list of winnings and mating list free. White Rock Eggs \$3 for 15, \$5 for 30; Pekin Duck Eggs \$1.50 for 12, \$2.50 for 25. Order Homer Youngsters Now—Price List Free

**SPRINGER BROS., R. F. D. 46, BRIDGETON, N. J.**

## WORLD'S FOREMOST WHITE WYANDOTTE BREEDERS

Breeders of the "World's Best" Strain  
of White Wyandottes, Messrs.  
**J. C. Fishel & Son, of**  
**Hope, Indiana**

Hope, Indiana, a small town of about 1500 inhabitants, situated on the branch line of the Big Four Railroad between Greensburg and Columbus, Indiana, a few years ago was unknown to the outside world, but the firm of J. C. Fishel & Son, breeders of the "World's Best" White Wyandottes, has caused the name of this little city to be put on the map in large letters, and to be known the world over as the home of the White Wyandottes.

Messrs. J. C. Fishel & Son make the poultry business a business and not a side line. Mr. J. C. Fishel and his son, C. I. Fishel, devote the whole of their time attending to the heavy mail.

Mr. J. C. Fishel issued his first catalogue in the fall of 1882, then a breeder of Dark Brahmas; later he bred Light Brahmas and carried off some of the highest honors on the Brahmas at the Pan-American Exposition. He has tried almost every variety of fowls, his son always helping him care for the birds, making the poultry business a lifetime study.

A few years ago when Mr. Fishel was in the hardware business, he and his son decided to try White Wyandottes, so they purchased some very fine eggs from several good breeders, and from those eggs Messrs. Fishel & Son have succeeded in establishing what is today the largest, as well as the best White Wyandotte farm in the world. There has been more or less criticism of the trademark used by Messrs. Fishel & Son in their advertising, claiming their strain as the "World's Best." A few words

## S. C. Rhode Island Reds

(DeCraff Blood)

A few Cockerels for sale.

Eggs for hatching after January 15.

**E. E. ELLSWORTH, Johnson City, Tenn.**



in reference to this will not be out of place. When the question of giving up all other business and devoting their entire time and attention to the breeding of White Wyandottes was discussed, it was with the understanding that they were going to have the best strain of this variety known, and they proposed to keep at it until they were entitled to this trade mark. Their winnings for the past two seasons have demonstrated to the world that they were not wrong in assuming this broad title, which no other brother fancier can justly dispute, as they have maintained their high record in four of the largest White Wyandotte shows held in the Middle West in the year 1906. We refer to Cincinnati, Ohio, where the American Poultry Association met in January, again at Indianapolis in February, 1906; the Indiana State Fair, September, 1906; and the Great Tennessee State Fair held in Nashville, Tenn., October, 1906. In these four exhibitions the Fishel White Wyandottes won more first and second prizes than all exhibitors combined, and their stock was in competition with the best breeders from all sections of the country, East, West, North and South.

They are justly entitled to their trademark, not only from the quality of the birds they are breeding, but from their individual efforts in pushing this, the most important of all the Wyandotte family, to the front, as they should. They have spared neither time nor money to get their birds to sustain their claim of the "World's Best" which they have done. From a small plant of less than two acres of ground, their breeding yards now cover something like twenty acres and preparations are being made to take in additional space in order to handle their fast growing business. They built several new houses this winter, one of which was 150 feet long.

As to the quality of their stock, their show record proves their claim of su-

## YOU CAN EARN \$8 to \$20 a Week Soliciting Subscriptions FOR THE Industrious Hen

Every family should have it and will take it as soon as presented.

Men, Women, Boys and Girls can solicit and make money. There are no cheap premiums to compete for. Everybody who gets up a club gets paid the hard cash, and it

### Costs Nothing to Start

We want a representative in every community. Experience not necessary. See double center pages for rules governing the contest and write today for sample copies, receipts and order blanks.

**The Industrious Hen Co.**  
Knoxville, Tenn.

## Here is an Opportunity

To get an elegant start in a strain of birds that will pay you well on your investment the first season.



## PAPE'S SINGLE COMB BLACK MINORCAS

They lay large, white eggs and many of them in all seasons

### MY WINNINGS FOR 1907

Fort Wayne, Ind., Show: Club honors, best Cock, Hen, Cockerel and Pen Chicago, Ill. (same week): Placed five birds out of seven. Indianapolis, Ind.: Four firsts and three second prizes out of seven.

### BLUE RIBBONS ARE THE ONLY ARGUMENT

Write today. State how many and for what purpose you want stock and I will quote you promptly and intelligently. Pens are mated and eggs ready for shipment. Descriptive catalog of stock and eggs free.

### CHARLES G. PAPE

1617 No. Cass St., FORT WAYNE, IND.

Vice Pres. for Ind. Am. Black Min. Club.

Mention Industrious Hen

## ROSEDALE POULTRY YARDS

### ROSE AND SINGLE COMB

## RHODE ISLAND REDS

### FROM THEIR NATIVE LAND



Winners at Providence, R. I., Springfield, Mass., Boston, Cincinnati and Madison Square Garden. They win in hottest competition. Write for 1907 mating list and prices

**PHILIP CASWELL, Prop., NEWPORT, R. I.**

## WHITE WYANDOTTE EGGS

My birds won the important prizes at the Cincinnati A. P. A. Show, Louisville, Nashville, and at Hagerstown, Md., the Kentucky State Show, Warsaw, and many others.

### CAREFULLY LINE-BRED FOR YEARS.

Eggs \$3 per 15; \$5 per 30. Incubator eggs \$6 per 100. Illustrated mating list free. Write.

## IRA B. SLEET, WARSAW, KY.

Proprietor Elm Hill Poultry Yards, Route 3.

## MILLIGAN'S STRAIN WHITE LECHORNS

Won at the great Nashville Show in the hands of his customers, which is a convincing fact that he can guarantee his birds to win in any competition. I have made success possible for most of the Southern Poultry Yards, and to-day my birds are pronounced by judges and breeders what I claim them to be, the Best Strain of S. C. White Leghorns. My birds are unexcelled as layers, and this quality bred with generation after generation as winners at Chicago, World's Fair, Cincinnati, Louisville, Birmingham, and the world's largest exhibits, ought to convince you, dear reader, where to place your valuable order. Address

**J. R. MILLIGAN, 335 26th Street, LOUISVILLE, KY.**

## BENNETT'S BUFF ORPINGTONS

Recent winnings: Nashville, Jan., 1906, 1st chl.; 1st, 2nd, 4th pullets; 1 pen. Columbia, Nov., 1906, 1st and 3rd pullets; 3rd chl.; 1st pen. Nashville, Jan., 1907, 1st and 2nd cock; 1st and 4th chl.; 2nd and 4th pullet; 1st pen. Eggs from Pen 1, headed by the 1st Nashville cock, 1907, \$5.00 per 15. Pen 2, headed by 5th Nashville cockerel, and winners 1st and 2nd pullet at Cincinnati, \$5.00 per 15. Pens 3 and 4, \$3.00 per 15. Pens 5 and 6, \$2.00 per 15. Send for my mating list describing these pens, opinions of prominent judges, etc.

**R. A. BENNETT,**

805 Boscobel Street,

NASHVILLE, TENN.

## EGGS! EGGS!! FOR SALE

From my world's best White Plymouth Rocks. Bred to win. Bred to lay. If interested write for prices and further information

**L. A. DICK, New Market, - - Tennessee**  
BOTH PHONES





WM. B. SHELTON

WATKINS CROCKETT

## EASTLAND POULTRY YARDS WHITE PLYMOUTH ROCKS

(Exclusively)

We practically MADE A CLEAN SWEEP at the recent Knoxville Show, winning 2nd, 3rd and 4th Cock, 1st, 2nd and 3rd Hen, 1st 2nd and 4th Cockerel, 1st, 2nd and 4th Pullet and 1st and 2nd Pen.

We also MADE A CLEAN SWEEP at the recent Alabama State Fair, held at Birmingham, Ala., winning all firsts and Special Sweepstake for best display in American Class.

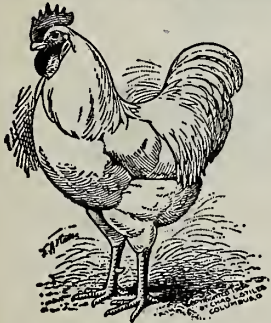
We will have mated up for egg trade next season, 9 of the best Pens of White Rocks to be found anywhere. If you want eggs from PRIZE WINNERS you can get them from US. Our Catalog will show the male heading each Pen and price of eggs from each. You can select for yourself.

PRICE PER SETTING OF FIFTEEN \$2, \$3 AND \$5.

Satisfaction guaranteed in all our dealings.

Write for Catalog.

Address Edgar Avenue and Gallatin Pike, Nashville, Tenn.



### WHITE PLYMOUTH ROCKS

Winning at Sweetwater, Tenn., 1906

1st Cockerel, 1st Pullet, 1st Pen.

BRED TO WIN BRED TO LAY

My birds are farm raised and have free range.  
Eggs and stock in season.

Eggs \$2.00 per 15.

Write me your wants. SCOTCH COLLIE DOGS.

**D. P. WALKER,**  
Route 1. Sweetwater, Tenn.

## Fogg's S. C. White Leghorns

Win at some of the largest Southern shows  
and are unexcelled as layers.



My new illustrated catalogue gives prices on eggs and stock, and full description of 1907 matings, the finest I ever owned.

Eggs for Hatching in Any Numbers.

Eggs from prize matings, \$3.00 for 15, \$7.00 for 50.  
Eggs from exhibition and heavy laying matings, \$1.50 for 15;  
\$3.50 for 50; \$8.00 for 100. Special prices on larger quantities.  
Write for catalogue to

**N. V. FOGG, MT. STERLING, KY.**

Reference: Mt. Sterling National Bank.

## 1891 FINE EXHIBITION AND UTILITY 1907 BARRED PLYMOUTH ROCKS

Ten Yards Mated for 1907. Eggs for Hatching, \$5 per 15; \$20 per 100.

**J. A. YANT, PIERCE, OHIO.**

## E. & W. GRITLESS CHICKEN FEEDS CORNELL CHICKEN MACHINERY AND INCUBATORS AND PEEP-O-DAY BROODERS

Write for catalogue and prices

**G. B. EHRHARD & CO.,** - - - **NASHVILLE, TENN.**  
Successors to Ehrhard & Waggoner

periority, but in looking at the quality of one year ago, they have undoubtedly made an improvement of twenty-five per cent in shape and more than that in color. They have a right to claim a stay-white strain of White Wyandottes, as their birds are absolutely white, showing no signs of brass and particularly no signs of cream in under-color, and in bringing up this high standard of color on plumage they have done so without a loss of color in eyes or legs. Their birds, taking their flock all through, are better in this respect than ever before and as good as the average White Rocks in this country. As to shape, Messrs. Fishel & Son have always fought for a bird with curves. They are in strict accord with the standard makers and believe that the standard wording for shape is the correct one and every Wyandotte breeder, no matter what the variety, should conform to it. They have demonstrated clearly that they are able to produce size in cocks and hens and still hold the short necks, short backs and short bodies demanded by the Standard.

Push and push hard has been their motto. Spend money where it is necessary, not alone for good stock, but in telling the people of the country what they have to sell, has brought Fishel's White Wyandottes so prominently before the country that no matter where you go, when White Wyandottes are discussed, the name of Fishel is mentioned.

Their business is growing rapidly, which is producing evidence to prospective buyers that they have what they claim, and they intend to keep the "World's Best." They now have about 500 early hatched chicks some of them hatched the last of January and are promising chicks for the early fairs and shows next fall.

There is no time in the year, if you would call at Messrs. Fishel & Son's office, at the East side of Hope, Indiana, but what you would get a hearty welcome and find them busy looking after the interests of their flock, answering their mail and filling orders. There is not a bird shipped without first being inspected by Mr. Fishel or his son.

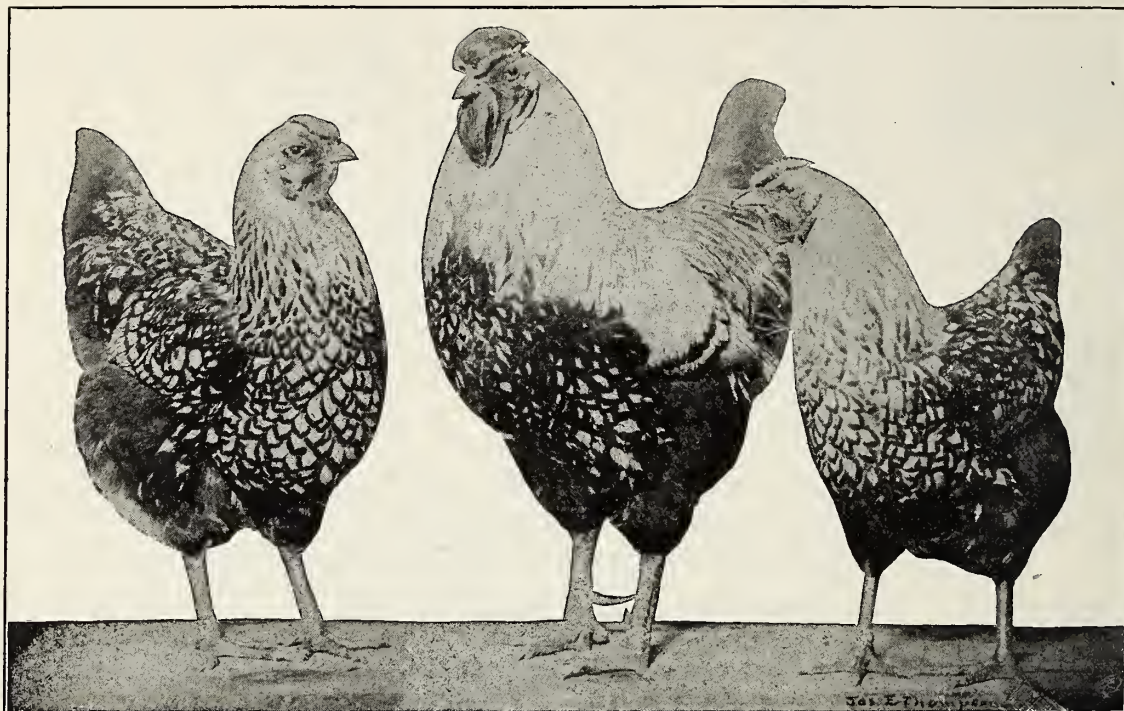
We wish to say to our readers who are interested in White Wyandottes and are



# THE INDUSTRIOUS HEN

## WHY SEND NORTH

WEST



EAST

MY PRIZE WINNERS AT KNOXVILLE SHOW.

When we Have the Best Strain of Silver-Laced Wyandottes in the South?  
**STOCK FOR SALE. EGGS \$2.00 PER 15.**

Address **C. M. EMORY, Knoxville, Tenn.**

looking for quality, it will pay you to correspond with these enterprising poultrymen. Write them for their catalogue, which is full of valuable information, not only for the beginner, but for the older breeder as well. While there are breeders who may be jealous of their success, it is a noted fact that J. C. Fishel & Son have done and are doing more to promote the interest in this variety than any other ten men in America, and they are doing it at their own expense, not only in advertising but in showing their stock, and are entitled to the consideration and patronage of every breeder of this variety who is in need of stock or eggs. They have fifteen yards mated with their very best birds and are in position to supply the egg trade with eggs that will produce the very best quality that was ever offered in this variety.

THE INDUSTRIOUS HEN compliments Messrs. Fishel & Son on their enterprise and push. As an advertiser in this paper, we have never had a complaint from any of their customers. They have a list of testimonial letters from all sections of the world, in fact enough to fill several catalogues, if they desired to use them all.

See their advertisement on page 000. Study the type of birds they have and ask yourself if it is not what you want for your foundation stock.

**WHITE ROCKS** (Fishel Strain) scoring to 95.  
**Barred Plymouth Rocks** (Bradley Bro's strain) scoring to 94. Eggs \$1.00 per 15; 45 for \$2.50.  
 Why pay \$5 for eggs no better? Circular free.

**BDWKER POULTRY FARM, Box 0, DUBLIN, IND.**



I have purchased the entire flock of

### B. E. JOHNSON'S BUFF ROCKS, Kirkwood, Mo.

Mr. Johnson having died on February 9, 1907. Mr. Johnson did not exhibit, but in the last few years bred and sold winners at New York, Chicago, Cincinnati, Indianapolis, St. Louis, Hagerstown and other large shows. He has raised and sold more Buff Rock winners every year than any Western breeder. During the past two years his birds have been better than ever, and are so distinctly of a type that they deserve to be called a distinct strain, although, unquestionably they are as pure a flock of Burdick Nuggets as exist today. Added to them are my own birds with excellent show

records for the past six years. I believe I have the

### BEST BUFF ROCKS IN THE WEST

And as good as any in the country. Write for my booklet of winnings and matings. Eggs \$4 per setting, \$7 per 30, \$10 per 45, \$20 per 100. There are a few surplus cockerels and some good breeding females from my purchase, which I will sell at low figures.

**E. L. DELVENTHAL, WARRENTON, MO.**

State Vice-President American Buff Rock Club.

## DOLCEOLA

A Miniature Grand Piano

*Played with keys like a piano and having a similar action*



The DOLCEOLA is the only musical instrument ever invented that has been demanded and sold in nearly every country upon the globe the first year it was on the market.

It is endorsed by leading musicians everywhere, as well as by the nobility of Europe.

FROM A MUSICAL AUTHORITY OF NEW YORK: "I consider it an instrument of great merit. It will be of great assistance in preparing beginners for the piano."—Albert Gerard-Thiers.

Chas. K. Harris, author of "After the Ball," says: "My children are learning it without an instructor."

The Princess of Isenberg, Darmstadt, Germany, says: "I have received the Dolceola, and am delighted with it."

The Dolceola, with its four full octaves, embodies the exquisite tone value of two guitars and two mandolins. Its action, while similar to that of the piano, is quicker and more simple, permitting effects impossible with the larger instrument. Any class of music can be played. Music lovers are delighted with it. You must have one.

Agents make \$100 to \$500 Monthly. Write for proof. Handsome Illustrated Catalogue free.

**THE TOLEDO SYMPHONY CO.**

419 Snow Fl a e Building

**TOLEDO, OHIO**



## Barred Rocks

1st Pen Knoxville, Jan., 1906

## Rhode Island Reds

Red Cloud Strain

The Best Strains in the Country

Eggs for Sale—15 for \$2.00

J. P. McMULLEN,

KNOXVILLE, TENN.

### BRIEF MENTION

R. E. Haeger & Co., Algonquin, Ill., are Barred Rock headquarters and have fifty fine cockerels and 150 females to sell at great big bargains to close out. See their ad. and write them, mentioning THE HEN.

The circular of Wm. Bonner, Rockville Center, Long Island, N. Y., giving prices and valuable information about Pekin Ducks, is to hand. If you are interested in Pekins it will pay you to send and get this mating list.

The special committee on poultry statistics, appointed by the East Tennessee Poultry Association Executive Committee, asks members of the association to send information of any kind or suggestions to the chairman, T. L. Bayne, Russellville, Tenn.

The 1907 mating list of Ira B. Sleet, the Wyandotte specialist, Warsaw, Ky., has been received. Typographically it is very neat. His matings have evidently been made with great care and judgment, and if you want to see one write him, mentioning THE HEN.

The Buff Rocks are represented well in the person of Mr. E. L. Delventhal, Warrenton, Mo., who recently added to his already excellent pens the entire stock of the late B. E. Johnson, of Kirkwood. His annual booklet is out and may be had for a postal.

The mating list and winnings of the Cornish Indians under the breeding of Mrs. F. H. Williams, 3640 Lyndale Ave., Minneapolis, Minn., is an interesting booklet. If interested in the old reliable Cornish Indians, send and get this booklet.

J. H. Crowell, Parrott, Ga., writes that while he has had bad luck with his hatches, having been bothered with skunks, cats and dogs, and hens fighting over nests, nevertheless he has some beauties out and growing rapidly, and will make it hot for the boys again next winter.

The pretty mating list, giving winnings, etc., of George E. Mann, the White Rock man, R. R. 10, Nashville, Tenn., is to hand. It is well worth sending for if you are at all interested in White Rocks. Mr. Mann will be pleased to send you a copy free if you will only mention THE INDUSTRIOUS HEN.

The annual catalog of the Southwestern Orpington Club is neat and tasty and contains much reading of interest to every Orpington breeder in the country. The accommodating secretary, T. J. Humphrey, Bonham, Texas, will be pleased to mail any Orpington breeder a copy upon mention of THE INDUSTRIOUS HEN.

The winnings in S. C. R. I. Reds at the Jan. 1907, Nashville show, were as follows: Frank Langford, Nashville, 3, 5 ck.; 1, 2 hen; 1, 4 chl.; 1, 3, 5 pul.; 1 pen. Norton Davidson, Nashville, 2 ck. C. L. Miles, Columbus, O., 1, 2, 4 ck.; 2, 4 pul.; 3, 4 hen; 3, 5 chl.; 2, 3 pen. H. B. Lansden, Guntersville, Ala., 4 pen.

Poultry Husbandry recently suffered a severe loss in a fire in their printing plant in Buffalo, but the February number was duly brought out, although the fire destroyed everything, forms, and all just as that number was going to press.

## WHITCOMB FARM

(INCORPORATED)

Box 203, Riverside, R. I.

WARREN R. FALES

The Largest Breeder of

## BARRED PLYMOUTH ROCKS

In the United States.



Our Winnings—Madison Square Garden January, 1907, two firsts, two seconds, one third, one sixth and eleven specials, making more points than any other exhibitor, being the greatest winning ever made in the Garden in

Barred Rocks. At the Providence (R. I.) show, won six firsts, two seconds, one third, four fourths, and four specials, and the silver cup for the best male.

**SHOW BIRDS THAT WILL WIN IN ANY COMPANY FOR SALE**

We can furnish eggs from the best matings in the world. Get our list of winnings and matings. Write us for prices.

## SUNNYSIDE POULTRY FARM

Breeder of all varieties Brahmas, Cochins, Langshans, Leghorns, Polish, Minorcas, Hamburgs, Wyandottes, Javas, Anconas, Houdans, Spanish, Sherwoods, Rocks, Dominiques, Andalusians, Orpingtons, Rhode Island Reds, Ducks, Geese, Turkeys, Guineas and Pigeons. Eggs \$2.00 per 15; \$3.50 per 30; \$5.00 per 50; \$8.00 per 100. Turkey and Geese, 50c each. Stock, \$2, \$3 and \$5. Geese and Turkeys, \$6, \$8 and \$10.

F. I. BRADFORD,

Troy, Pa.

## BUTLER'S S. C. RHODE ISLAND REDS EXCLUSIVELY

Write for my winnings and catalogue. Have won this season Montgomery, Ala., Columbia, Tenn., Pulaski, Tenn., Franklin, Tenn., and Columbia, Tenn., County Fair. My Reds are strong and vigorous. Have mated up three pens from prize winners.

EGGS, \$3.00 PER 15; 30 PER \$5.00. WILL GUARANTEE HALF HATCH

W. N. BUTLER, Carter's Creek, Tenn.

## REID'S REDS SINGLE AND ROSE COMB

The grandest collection of strictly high-class birds I ever owned are now in my yards mated for the egg trade. Remember, I am Western headquarters for Rhode Island Reds and can furnish quality in stock or eggs. Eggs from choicest matings, \$3 and \$5 per setting.

CHAS. C. REID, Mgr., Route 1, Delaware, Ohio

## The Knoxville Storage Co.,

SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN.

CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS

Prospective buyers are invited to call or correspond. They can save you money and show goods before you buy.

## NORTON'S

White and Barred

## PLYMOUTH ROCKS

Won 51 ribbons at six leading shows in 1906-7. At Columbia, Nashville, Franklin, won the lion's share. Won 1st cock; 1st pullet; 2nd and 3rd hen; 2nd pen, in a class of 300 White Rocks at Nashville, January, 1907. Birds all raised in my own yards.

Eggs, 1st prize matings .....\$5.00  
Eggs, 2nd prize matings .....\$3.00  
Barred Rock Pullet and Cockerel  
mating eggs .....\$3.00  
Run of yards .....\$1.50

J. O. NORTON

East Station. NASHVILLE, TENN.



First Cockerel, World's Fair



## BROWN LEGHORNS

First Cockerel, Second Pen at the World's Fair, St. Louis  
Over 250 Regular and Special Prizes at 18 Great Shows  
My Winners in Males Score to 95, in Females to 96

**EGGS \$3.00, \$5.00 AND \$10.00 PER 15**

Free Circulars on Matings and Winnings

**E. E. CARTER, 967 Broadway, Knoxville, Tenn.**  
Member of the American Single Comb Brown Leghorn Club

We are glad to note that *Poultry Husbandry* thus quickly revived from its loss and will continue a regular visitor as heretofore.

The mating list of the Miles Poultry Farm, Columbus, Ohio, Oscar E. Miles, owner, is to hand. It gives very comprehensive information regarding the matings of Barred Rocks, both cockerel and pullet matings, and S. C. R. I. Reds on this farm. We would advise you to send for one as it contains much valuable information. One will be sent you free if you will mention THE INDUSTRIOUS HEN.

The mating list of H. H. Hall, University Place, Neb., shows that this heavy laying strain of Single Comb White Leghorns won nine out of fourteen firsts competed for during the past year and five out of a possible six sweepstakes. His first pen is headed by the winners at the Nebraska State show and \$50 was refused for this bird. He also has a very large strain as well as heavy egg layers. The bird at the head of his second pen weighs nine pounds. Send for his catalog and mating list and get much interesting information.

At the annual meeting of the Mobile Poultry Breeders' Association held a few days ago in Mobile, the following officers were elected: C. M. Erdman, president; E. O. Bayley, first vice-president; S. J. Clark, second vice-president; J. M. Sturtevant, secretary; Geo. Eberlein, assistant secretary, and Jno. S. Glenon, treasurer. Executive committee, Geo. Eberlein, chairman; Dr. W. W. Osgood, T. M. Gordon, W. B. Delchamps and E. R. Hayssen. After a lively and enthusiastic meeting the association adjourned with the prospects of a good show next fall or winter.

Bird Bros., Meyersdale, Pa., are the Giant Bronze Turkey specialists of the East, and proprietors of "The Highlands," the home of the famous Highland Giant Bronze Turkeys.

## Printing for Poultrymen

We have the very best equipment for doing all kinds of Printing.

Post Cards, Letter Heads, Envelopes, Business Cards, Score Cards, Shipping Tags, Labels, Circulars, Catalogues—in fact any kind of Printing you may want.

We print in any number of colors, and have a large assortment of well selected paper in any color or shade desired.

We make cuts for printing from photographs. These may be used in The Hen and also on stationery.

Send us your orders.

**The Industrious Hen Co.**  
Knoxville, Tenn.



## GRAHAM'S PRIZE-WINNERS

**ROSE COMB BROWN LEGHORNS AND  
ROSE COMB RHODE ISLAND REDS**

Rose Comb Brown Leghorns—1st honors at Columbia, Tenn., 1904; 2d honors at Springfield, Mo., 1905; 1st honors at Birmingham, Ala., 1906. 1st pen, headed by 1st prize winners, 15 eggs for \$2; 2d pen, headed by 2d cock and 1st hens, 15 eggs for \$1.50. Rose Comb Rhode Island Reds—1st cockerel and 1st pullet, Columbia, Tenn., 1904; 1st cockerel and 1st pullet, Nashville, Tenn., 1906; 2d cock, 2d hen and 2d pen, Birmingham, Ala., 1906; eggs 15 for \$3.00. Only a few Leghorn cockerels for sale until September 1st. Satisfaction guaranteed. Place your order and get first-class birds.

**D. B. GRAHAM, BROOKWOOD, ALA.**



## COOPER'S R. C. WHITE LEGHORNS WIN AGAIN!

At the second annual East Tennessee Poultry Association show they won 1st Cock; 1st and 2d Hen; 1st, 2d and 3rd Cockerels; 1st, 2d, 3rd and 4th Pullets; 1st and 2d Pens.



If interested in LEGHORNS for EGGS or Exhibition purposes, write for my FREE FOLDER. EGGS \$1.50, \$2, \$3 PER 15.

**SAM M. COOPER, FOUNTAIN CITY, TENN.**

## S. C. W. LEGHORNS, EXCLUSIVELY

Eggs for Hatching, \$1.50 per 15 straight. Honest Worth for Your Money

**W. S. MATHEWS,**

State Vice-President of Nat'l S. C. W. Leghorn Club, **BIG STONE GAP, VA.**



## Brown and White Leghorns

The kind that Lays & the kind that Wins wherever shown. I have over 300 Choice Birds now ready for sale. Eggs \$1, \$2 and \$3 per setting. :: :: :: Write or phone your wants to

**Hoyt V. Drewry, Route 4, Greenfield, Tenn.**

## CLEARING SALE OF "RINGLETS" A GRAND FLOCK

of very choice exhibition and breeding fowls of the following strains must be sold at once:

E. B. Thompson's famous "Ringlets," C. H. Latham's Barred Rocks, Cook's Orpington's, Duston's Wyandottes, Fishel's White Rocks and Buff Rock Nuggets. Large and vigorous fowls. These strains were bought direct, thoroughly line-bred, for exhibition, and for laying qualities as well. My birds have captured over 100 prizes since 1905. Eggs from best matings \$1.50 to \$2 per setting. Send orders for mating list. Orders receive prompt attention.

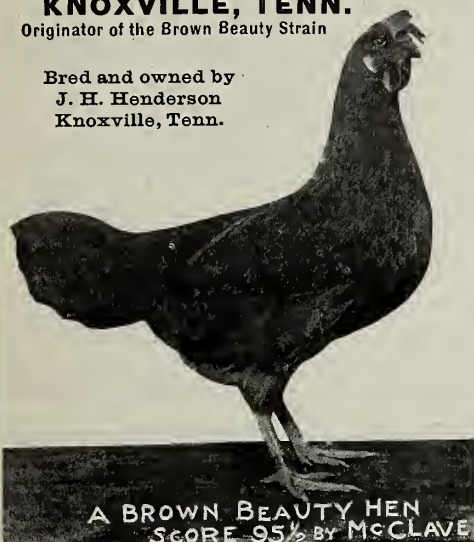
**DR. JOHN W. LASLEY, BURLINGTON, N. C.**



# J. H. HENDERSON THE BROWN LEGHORN SPECIALIST

KNOXVILLE, TENN.  
Originator of the Brown Beauty Strain

Bred and owned by  
J. H. Henderson  
Knoxville, Tenn.



A BROWN BEAUTY HEN  
SCORE 95½ BY MCCLAVE

First Prize Winner—Knoxville Great Show, December 11-14, 1906. Special cash prize for highest scoring bird in show, any variety. Special ribbon for best hen by American Single Comb Brown Leghorn Club.

Member American Brown Leghorn Club

## MY WINNINGS

At Knoxville, Tennessee,  
Dec. 11-14, '06

Scored by Judge McClave

1st Hen .....	95½
4th Hen .....	93¾
2nd Cock .....	93¾
1st Cockerel (tie) .....	93½
4th Cockerel .....	93
2nd Pullet (tie) .....	94½
3rd Pullet (tie) .....	94¼
4th Pullet (tie) .....	94
2nd Pen .....	188½
4th Pen .....	187.17

## EXHIBITED 12 BIRDS

4 males, 8 females with an average score 93¾.  
Won 13 prizes with 12 fowls, 96 competing in class.

## EGGS

\$1, \$2, \$5 PER SETTING

Some good breeders and prize winners for sale. Write your wants.

They have won more prizes during the last ten years than any strain in America, having won 29 firsts, 23 second and 17 thirds at Pittsburgh, Johnstown, Hagerstown, Madison Square, etc. The quality of their stock is the best, and they still have some choice Bronze Toms and Partridge Wyandotte cockerels for sale. Special attention is paid to eggs. See their ad. in the turkey page and write them.

R. A. Bennett, 805 Boscobel St., Nashville, Tenn., is one of the leading breeders of Buff Orpingtons in the South. His farm of 200 acres located near Martha, Tenn., is devoted exclusively to this popular breed. Mr. Bennett is the popular treasurer of the city of Nashville, and what Bennett says in Buifs he will make good, as he has made good in every walk in life. His Orpingtons have won at both the recent Nashville shows and also at the Columbia and Cincinnati shows. Read his ad. and see his winnings and prices. He has a neat mating list just out describing his birds and he will be pleased to send you one if you will mention THE INDUSTRIOUS HEN.

At the recent Greenfield, Tenn., show, Judge R. E. Jones, Paducah, Ky., did the scoring. The following officers for next year were elected: G. H. Drewry, president; W. E. Kirksey, vice-president; W. H. Dolan, secretary and treasurer; Directors: A. M. Kelley, F. E. Menzies, Dyer, H. V. Drewry, Dr. J. H. Padfield, J. T. Johnson and W. E. Hatcher. Their next annual exhibit will be Jan. 7, 8, 9, 10, 1908. Among the prizes awarded to our advertisers we notice the following: Mammoth Pekin Ducks—Clarence Kirksey, Greenfield, first drake, score 98; first duck, score 98. W. E. Kirksey, Greenfield, second drake, score, 96½; second duck, score 97½. G. H. Drewry, Greenfield, third drake; third duck.

# HIGH QUALITY! LOW PRICES!

Buy eggs from headquarters and get the best for little money.  
Here are a few prices:



	PER SETTING
Barred P. Rocks .....	15 \$1.20
White P. Rocks .....	15 1.20
Buff P. Rocks .....	15 1.60
R. C. R. I. Reds .....	15 1.35
Rhode I. White .....	15 1.35
S. C. Buff Orpingtons .....	15 1.35
Silver L. Wyandottes .....	15 1.30
White Wyandottes .....	15 1.30

	PER SETTING
R. C. Brown Leghorns .....	15 \$1.20
S. C. Brown Leghorns .....	15 1.20
S. C. Buff Leghorns .....	15 1.30
R. C. White Leghorns .....	15 1.30
S. C. White Leghorns .....	15 1.20
Silver S. Hamburgs .....	15 1.20
Black Langshans .....	15 1.30
Imperial P. Ducks .....	11 1.30

Thirty other varieties. Fine illustrated catalog tells all about Poultry, Feeding, Care and our big premium offer; best way to rid poultry of lice, etc., only 10 cents; or order from this ad. and get a copy free with your order. I ship to all parts of the United States, Canada, Mexico, and Cuba. Pleased customers everywhere. See testimonials. Start right and make big money.

**JOHN E. HEATWOLE, Box F. F., HARRISONBURG, VA.**



## "RINGLET" BARRED PLYMOUTH ROCKS

Unexcelled in laying qualities, beauty, size and vigor. Bred for quality not quantity. Pen No. 1 (for cockerels) headed by Second Prize Cock, Richmond Poultry Show, Jan. 22-26, 1907. Geo. O. Brown, Judge. Eggs from this pen \$2.00 per 15. Pen No. 2 (for pullets), headed by a grand cockerel just from E. B. Thompson and a brother to his best exhibition pullets. Eggs from this pen \$2.00 per 15. For sale, a few select Cockerels, sons of above cock. Write for prices and description. Satisfaction guaranteed. Address,

**LESLIE H. McCUE, Box 3, AFTON, VA.**

## OUR S. C. WHITE LEGHORNS

At the Great Auburn Show, Jan. 7-12, 1907,

Held in connection with the meeting of the American Poultry Association, won 1st hen, 1st pullet, and 1st pen, defeating Madison Square Garden first prize winners. All of these birds are in our breeding pens and we are prepared to fill orders for eggs at \$2 and \$3 per 15. A grand lot of old and young breeding stock for sale. White and Columbian Wyandottes, as good as the best. Day-old chicks a specialty. Send for mating list.

**W. R. SPERRY, Box F, CORTLAND, N. Y.**

YOU HAD BETTER WRITE TO

**J. M. KELLY, GORDONSVILLE, TENN.**

P. O. Box K

For prices of S. C. Buff Orpington Eggs. Also prices of Orpington Hens and Roosters. Kelly's birds get premiums at the big shows.

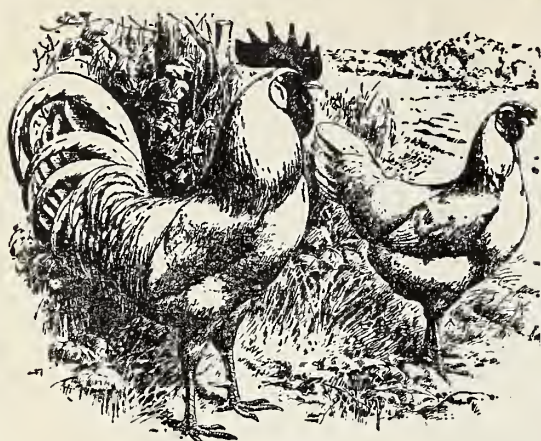


A. S. C. Buff Leghorn Cock with an unbeaten record and sire of many winners, from yards of that expert breeder, Peter S. Hurt, Thorntown, Indiana.

At the annual meeting of the Cornish Indian Club of America, held during the Chicago show, the following officers were elected for 1907: President, Chas. S. Brent, Oconomowoc, Wis.; Vice-President, Wm. Sawyer, Jr., Owosso, Mich.; Secretary-Treasurer, F. H. Williams, Minneapolis, Minn.; Assistant Secretary, W. S. Templeton, Dakota, Ill. It is the intention of the officers to do all in their power during their term of office to make the Cornish Indians more popular, even, than they are now, and the co-operation of all breeders and fanciers of this beautiful variety is requested. The club is growing rapidly. Membership is but one dollar per year, and should be sent to the secretary-treasurer, who will be pleased to answer all inquiries.

The Blue Ribbon Poultry Farm, F. W. Corey, manager, Ossining, N. Y., has just issued one of the most handsome and well illustrated poultry catalogs that it has been our pleasure to notice. The cover is a light gray and printed in blue ink, giving a very artistic effect. The interior paper is all of the very highest grade calendar. Fourteen full page illustrations of scenes and birds on this famous farm are as life-like as the photographs themselves. There are a large number of famous winners bred on this farm also shown. Taken all in all, this is the best illustrated poultry catalog to appear this year. An excellent half-tone of Mr. Corey himself is a good introductory page and the many pleased customers of this excellent fancier will be glad to greet his popular face on paper. A complete list of winnings and descriptions





## Your Attention, Please!

I have the kind of  
**S. C. W. Leghorns You Want**

### I make a specialty of Egg trade and Cockerels

Eggs from pen headed by cockerel I received \$50.00 for and took first at Nebraska State show and judge said he would win at Madison Square. He is mated with 7 fine pullets that score from 95 to 96½ points. Eggs \$5.00 per 15; \$8.50 per 30.

My second pen is headed by cockerel that scored 95, with 12 fine hens and pullets that score above 95½. Eggs \$3.00 per 15; \$5.00 per 30; \$12.00 per 100.

My third pen is headed by a first prize cock bird that scored 94 and mated with pullets that score above 92. They are \$2.00 per 15; \$3.50 per 30; \$10.00 per 100.

**A few fine Cockerels and Pullets for \$1.50 to \$10**

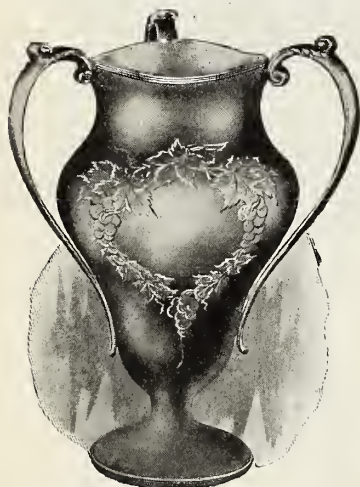
**H. H. Hall,**

**22nd and N Streets**

**University Place, Neb.**

of the various matings, which, by the way, number fifty-eight, are given. Write and mention THE INDUSTRIOUS HEN and Mr. Corey will be pleased to send you one of these magnificent catalogs.

Eastland Poultry Yards, Nashville, Tenn., have just issued a very handsome catalog and premium list of their "very best" White Plymouth Rocks. The first or title page is handsomely embossed, and elegant photos from life of the buildings and birds on this farm adorn the entire work. An elegant photo of Hon. W. B. Shelton, the manager of this plant, is given. A brief history of the breeding of their Rocks is interesting reading. Some good strong reasons for breeding the White Rocks in preference to other birds are given. A list of the winnings and matings will prove valuable to any one wishing to invest in White Rocks.



### IVORY SOAP SPECIAL

Ivory Soap Special Cup Won at Richmond, Va., Jan. 22-26, 1907, by F. S. Bullington, on his Noted White Orpington Hen "Wonderful," a Winner of Seven Blue Ribbons and many Specials.

The Eastland Yards have made some very remarkable sweepstake winnings at leading shows the past year, among them the Alabama State Fair, Knoxville, and other strong White Rock shows. Mr. Shelton is a prominent business man of Nashville and will give his customers what he promises. He is to be congratulated upon the wonderful strength shown by his birds at the shows this year. Write him for one of those elegant catalogs and be sure and mention THE INDUSTRIOUS HEN.

Boswell's Acme strain of White Wyandottes are already well known, but his recent elegant catalog and mating list will serve to make them even more popular. For many years we have known Boswell, Nashville, Tenn., as the man

## DINWIDDIE'S STANDARD AND BUSINESS BRED BARRED PLYMOUTH ROCKS AND S. C. WHITE LEGHORNS

1907 matings laying right on, and better matings I never have had. Eggs \$2.00 per 15; \$3.00 per 30; \$8.00 per hundred. Please note combined with all the Standard requirements that my birds have been bred for years for large symmetrical size, prolific laying, also fed and bred for a vigorous constitution, fertile eggs, etc. If further information is wanted write for same. Let's have a square deal.

**J. A. DINWIDDIE, ROUTE 3, NEW MARKET, TENNESSEE**

## MANN'S WHITE ROCKS ARE IT

At the Kentucky State Show, Frankfort, Ky., Jan. 28-Feb. 1st, 1906, they made a record which I do not believe can be surpassed by any breeder, winning 1st and 2nd Cock. 1st and 2nd Cockerels; 1, 2, 3, 4 and 5 Hens; 1, 2, 3, 4 Pullet and 1st Pen. This, together with winnings made at Nashville, Chattanooga, Franklin, Charleston, Columbia and Knoxville, the past season should surely convince you that they have no superiors. I will have four yards mated up for the season 1907, each headed by a First Prize male at one of the above places. I have 15 Cockerels, and 25 Pullets left for sale, they are simply great, and will please the most exacting. Write for mating list for year 1907, it will describe four of the best pens of White Rocks to be found.

**Cockerels, \$5.00 and Up; Pullets, \$3.00 and Up  
Eggs \$3.00 and \$5.00 per Set**

R. R. No. 10, Porter Pike **C. E. MANN, Nashville, Tenn.**

## BARRED, BUFF and WHITE PLYMOUTH ROCKS

White Wyandottes, White Minorcas, White Leghorns and Mammoth Pekin Ducks, \$3.00 each, \$7.50 for Trio, \$12.00 for Breeding Pen. : : : : : Catalogue Free.

**EAST DONEGAL POULTRY YARDS**

**EDWARD G. NOONAN, Proprietor, MARIETTA, PA.**

**? Do You Need Any Printing ?**  
If so, write for samples and prices to  
**THE INDUSTRIOUS HEN, Knoxville, Tenn.**



## Schreiber's Single Comb Black Minorcas

THE AUTOCRATS  
OF POULTRY

THEY ARE BRED BY A SPECIALIST

And have won under Judges Heimlich, McClave, Heck and Rigg. They made a clean sweep at Rockford, Jan. 21-26, 1907: 1st Cock, 1, 2, 4 Cockerel; 1, 2, 3 Pullet; 1, 2, 3 Hen and 1st Pen. Also winning by 9 oz. the prize for the heaviest dozen eggs. Trio \$10.00 and up; Single Birds \$5.00. Eggs \$2.00 per 15; per hundred \$10.00. Excellent stock for sale.

S. T. SCHREIBER, ROCKFORD, ILLINOIS.



## BROWN LEGHORNS

YEARLING COCKS and HENS FOR SALE

A number of Cockerels and Pullets from Prize Winners are now ready to ship. *Ask for Circulars*

OUR PRICES WILL INTEREST YOU

M. S. COPELAND, Powell's Station, Tenn.

## WALKER'S BARRED ROCKS and WHITE WYANDOTTES

WIN WHEREVER SHOWN

Winning first honors at Knoxville, Sweetwater and Madisonville, Tenn.

Our birds are farm-raised. Send us your order and start right

EGGS \$2.00 PER 15.

WALKER BROS., R. 1, MADISONVILLE, TENN.

## SANDY RUN POULTRY YARDS

W. D. HARRILL & CO., Props. - - - Ellenboro, N. C.

Breeders of Light Brahmas, Black Langshans, Black Minorcas, Buff and Barred Plymouth Rocks, R. I. Reds, Partridge and Buff Wyandottes, Brown and White Leghorns, Belgian Hares.

We have won this season at Atlanta, Charleston, Raleigh and Charlotte, on our birds 48 1st prizes, 32 2d, 27 3d, besides scores of specials. Prices of eggs \$2.50 per 15. We have a few good cockerels for sale, including the 1st and 4th prize winning Partridge Wyandotte chl. at Raleigh, also 1st, 2d and 3d at Charlotte, price \$5 to \$10 each.

## SOUTHERN FARM LOCATIONS AND INDUSTRIAL INVESTMENTS

GRAIN FARMS  
COTTON FARMS  
DAIRY FARMS

## POULTRY FARMS

FRUIT FARMS  
HAY FARMS  
TRUCK FARMS

In the States of

Virginia North Carolina Georgia Alabama  
Tennessee South Carolina Kentucky Mississippi

FINE CLIMATE, GOOD MARKETS, AMPLE RAINFALL, CHEAP FUEL

OPENINGS FOR INDUSTRIES

Lumber Lands, Coal Lands, Stone Lands, Iron Ore Lands

## FACTORY SITES

In Close Association with Water Power, Fuel and Raw Material.

Information about any part of the South and any kind of business furnished free by addressing M. V. RICHARDS, Land and Industrial Agent, Washington, D. C.; W. L. HENDERSON, Southern Agent, Equitable Bldg., Atlanta, Ga.

who was breeding and trapnesting for eggs, vigor, style, and color. To those who have seen his birds, a number of familiar figures greet the eyes in this catalog, among them Carlotta, first prize at Nashville, 1906, with a score of 95½, Hunt II, winner first cockerel at the same show on the same score, Lady Audley, winner first hen at the same show on the remarkable score of 96, and many other winners of recent years, and some good old-timers too. Boswell gives some good, practical, common sense talk on how he breeds White Wyandottes and it makes interesting reading to any breeder. His stock is too well known to need comment and he is himself favorably known by a host of pleased customers. It is a great pity that all the breeders in the land are not such good, strong men as John W. Boswell. Write him for that interesting booklet and don't forget to tell him you saw it in THE INDUSTRIOUS HEN, and then he will send you one by the first mail.

M. S. Gardner, the prominent breeder, of Auburn, N. Y., writes: "I have just received your February issue of THE INDUSTRIOUS HEN and wish to congratulate you upon the general appearance of the paper and also to thank you for your impartial and extremely interesting write-up of the Auburn show. I note with pleasure that you do not indulge in any sarcastic remarks in regard to Northern birds, Northern breeders, and Northern methods. It has been the custom with some few small Western papers, and, I regret to say, with some few Southern papers also, to try to create sectional jealousies and differences, and to give Western and Southern breeders the impression that Eastern breeders are all rascals of the deepest dye. As far as my experience goes, and I am pretty well acquainted with the most of the leading Eastern breeders, the majority of them are honest, square men, who intend to give every purchaser the worth of his money. I regret that there are a few of our breeders whose methods are questionable, but dishonesty in the poultry business is not confined to any locality. There are rascals in the poultry business in all parts of the country, as well as in other kinds of business. You are to be commended upon the course you have taken."

Look at the date after your name on the wrapper or cover and see when your subscription expires. You can renew now, three years for \$1.00.

## OVER \$1,000.00 IN CASH PRIZES

## TO BE GIVEN AWAY BY THE INDUSTRIOUS HEN

## PRIZES RANGE FROM \$1 TO \$200

Contest Begins May 1st, and  
Ends October 30th, 1907

This is an unparalleled proposition and is the most liberal one ever offered to readers of a poultry journal. Here is a chance for every member of the family to earn good wages during the summer months and be paid cash for it.

If you are interested and want to begin NOW, see center page for full particulars and rules governing the contest. No subscriptions received until May 1, but work may begin at any time. Address

THE INDUSTRIOUS HEN CO.,  
Knoxville, Tenn.



### Can You Answer These Questions?

In what position should eggs be placed in an incubator tray?

What makes crippled chicks at hatching?

When should you commence turning eggs in an incubator?

How often should they be turned?

How long should an incubator be run before you put in the eggs?

When is the best time to test out eggs?

Where is the best place in which to set an incubator?

What is the best way for keeping eggs for hatching?

How should young chicks be fed?

What are the most profitable breeds of poultry?

These and a thousand other questions of practical value concerning the care and breeding of poultry are all answered in the 13th Annual Edition of the Successful Poultry Book, an immense volume of 128 pages, fully illustrated with scenes of poultry farms and descriptions and pictures of all leading breeds of fowls.

It contains a number of prize articles on incubation, together with the experiences of hundreds of poultry raisers who have used the Successful Incubator.

It's one of the most valuable poultry books we have ever seen and we know our readers will not only be interested in it, but will find it of real help in making more money from their fowls. It is published by the Des Moines Incubator Co., one of the leading manufacturers of the country and indorsed by Gov. A. B. Cummins and Congressman J. A. T. Hull.

Don't fail to get a copy. It is sent free if you mention this publication. Address, Des Moines Incubator Company, Des Moines, Iowa.

### Two Pianos and Big Cash Prizes Free.

In this issue will be found on page 494 an advertisement of *Successful Farming*, of Des Moines, Iowa, which is one of the best and most successful agricultural papers in the United States. They are making a remarkable offer to our readers of two pianos and some large cash prizes to those who count the dots correctly in the picture of a piano which appears in their advertisement. Full conditions are given and we would suggest that our readers should look this up and go after these prizes. We would be more than pleased if some of these big prizes should be won by readers of our paper, and, while it is not so easy to count these dots as it may seem from first glance, we see no reason why readers of our paper should not be the fortunate ones. *Successful Farming* is responsible and refers to every bank and business house in Des Moines and awarding of prizes will be wholly in the hands of disinterested judges, among whom is the Treasurer of the State of Iowa, a judge of the district court and a minister. It would seem this is an opportunity for somebody to get large prizes free. Look up their offer in this issue and get in your counts.

## PARALYSIS

LOCOMOTOR ATAXIA CONQUERED AT LAST BY DR. CHASE'S BLOOD AND NERVE FOOD. Write me about your case. Advice and proof of cure FREE. DR. CHASE, 224 N. 10th St., PHILADELPHIA, PA.

### Rose Comb Rhode Island Reds

EXCLUSIVELY

NO PAINS OR MONEY HAS BEEN SPARED IN MATING MY PENS

Eggs \$1.50 per 15. \$8.00 per 100

W. B. FARRIS, Pulaski, Tenn.

### THE NEWEST STYLES IN SHIRT WAISTS

Our catalogue illustrates the handsomest garments ever shown at such astonishingly low prices. You will be distinctly impressed with the smart styles and excellent materials. Write for Catalogue "C" which also illustrates the latest styles in Waists, Skirts, Silk Suits, Lingerie Suits, Muslin Underwear and other wearing apparel for women.

United Manufacturers' Mail Order Co., Dept. B, 127 Front Street, NEW YORK.



### FREE! FREE! BROODERS FREE!

We are going to give away this season absolutely free one first-class Standard Brooder to every cash customer ordering one of our 20-year guaranteed Standard Incubators. Our Standard machines are used and indorsed by thousands of the leading successful poultry raisers. Any one can raise poultry successfully with our latest improved up-to-date machinery. Catalogue with full particulars 5c. Send for a copy at once and do it today.

Address STANDARD F. C. INCUBATOR CO., Dept. 20, ROCHESTER, N. Y.



### IT IS EASY

To produce exhibition

## BARRED P. ROCKS and S. C. R. I. REDS

When you buy from

### MILES' UTOPIA STRAIN

No stronger blood lines in America—they are sure to reproduce. They have won continuously for seven years at *State* and *National Shows*. At the *Great Nashville, Tenn.*, show, Jan., 1907, it was conceded by Barred Rock breeders that no such quality had ever been shown in the South as shown by us. While my S. C. Rhode Island Reds were a revelation in color and shape (*they were Red*) on the two varieties we won 15 ribbons.

At *Indianapolis* (Indiana State Show), Feb., 1907, our winnings were even greater, winning almost twice as many premiums as any other exhibitor, beside the color and shape special and gold special for the best and largest display.

Send for my mating Catalogue (it is free) describing 22 of the best yards I ever owned. These yards contain nearly 60 prize winning male and female, the rest are sons and daughters of first prize winners for 7 years in succession.

We still have for sale 105 males at \$3.50 to \$20.00 each and 100 females at \$2.50 to \$8.00 each. Eggs \$5.00 per 15. We guarantee satisfaction.

### MILES POULTRY FARM

OSCAR E. MILES, Owner

CAPITAL TRUST BUILDING, COLUMBUS, O., IO

PLEASE MENTION THE INDUSTRIOUS HEN

## FAULTLESS HOUDANS

THE FOWL OF QUALITY

Phenomenal layers of the largest white eggs. Wonderful show birds. We challenge the world to produce a fowl that will lay as many eggs as a Faultless Houdan. We challenge every Houdan breeder in America to produce as fine a show bird. We have sold these birds the past winter under positive guarantee to win the blue ribbons, no matter who furnished the competition against them.

World's Fair, St. Louis: 1st hen; 1st, 3d ckl.; 4th pullet; 3rd pen. New York City, 1907: 1st cock; 1st hen; 1st ckl.; 1st pullet. Boston, 1907: 2nd cock; 1st, 3rd hen; 1, 2 ckl.; 1, 2, 3, 4 pullets. These winnings were made in the strongest Houdan classes ever shown in these show rooms. 19 pens mated up, 200 hens that have trap nest records from 225 for the lowest to 287 for the highest. Every hen weighs from 7½ to 9 lbs. each. Cocks from 8½ to 11 lbs.

### STOCK AND GUARANTEED EGGS FOR SALE

E. F. McAVOY, Jr., - SCHENECTADY, N. Y.

\*\*\*\*\*

**HOUDANS** Eggs from high-scoring birds, bred from 281-egg hens, trapped for the last 15 years; eggs \$3.00 per setting from hens scoring 94 to 96.

Single Comb Buff Orpingtons—Eggs \$2.00 per setting, from hens scoring up to 95½.

Single Comb Brown Leghorns—Eggs \$1.50 per setting, from first premium stock.

Barded Rocks—Finely barded; eggs \$2.00 per setting.

Toulouse Geese—Eggs \$2.00 per 7.

Giant Bronze Turkeys—Eggs \$1 per 11.

DR. G. W. TAYLOR, BONNIE VIEW FARM, Box B, ORLEANS, IND.

\*\*\*\*\*

1894

## AUSTIN STRAIN

1907

I make a Specialty of **LANGSHANS** Bred Right, Fed Right

To Produce Best Results

Have bred them for fourteen years; won all first, second and third prizes on young stock at Knoxville and at Bristol last winter, and a good share of premiums at the Knoxville Show, December 11-14, 1906. Select Eggs \$3.00 and \$5.00 per setting of fifteen. Show birds a specialty; 300 fine ones to select from.

H. C. AUSTIN, 307 Payne Ave., KNOXVILLE, TENN.



## S. C. BUFF ORPINGTONS

I have a few pens of choice birds that I will sell.

1st and 3d Cockerel; 1st, 2d and 3d Pullet, and 1st Pen, Knoxville, 1906.

### A. C. COCHRAN

Eggs \$3 per 15; \$1.50 yd. Eggs.

Knoxville, Tenn.



## RHODE ISLAND REDS,

Original Wilber Strains Rose and Single Combs.

Also the beautiful Buckeye Reds, M. B. Turkeys and Toulouse Geese

Pens No. 1 all select show birds, Rose and Single Combs and Buckeye Reds, 15 Eggs \$3.00; Pens No. 2 Select Birds 15 Eggs \$2.00; Pens No. 3 Rose and Single Comb Reds, good birds, 15 Eggs \$1.00. Mammoth Bronze Turkeys. All prize winners, 41 pound Tom and 25 to 28 pound two year old hens, 9 Eggs \$3.00. Imported Prize winning Toulouse Geese, 7 Eggs \$2.00. Send in your orders early for best results.

## CHEROKEE POULTRY YARDS,

E. R. CASH, Prop'r., GAFFNEY, S. C.

## TERRELL'S

## Single Comb Rhode Island Reds

Winners last season at all the big shows. This season, Nashville State Fair; Birmingham State Fair; the Great Banner Show, Charleston, S. C., and the Great South and East Texas Shows, at Houston and Marshall, Texas.

## ALL WINNERS ARE IN MY YARDS

My matings will be the strongest I ever bred from.

EGGS:--Special Matings \$3.00 for 15; \$5.50 for 30; \$15.00 for 100.

Special Prize Mating \$5.00 straight, Book your orders early.

1907 Circular of Winnings and matings mailed on request. Stock a matter of correspondence.

## L. K. TERRELL, Birmingham, Ala.

President National S. C. R. I. Red Club.

State Vice-Pres. R. I. Red Club of America.

200 EGG STRAIN.

200 PRIZES WON.

## R. I. Reds, B. P. Rocks, Brahmas, Wyandottes, Minorcas, Leghorns, Bantams

Every Egg guaranteed to hatch. EGGS, \$1 to \$2 per setting. Duck eggs, \$1.25 for 11. Toulouse Geese, 40c each.

CATALOGUE FREE.

MAPLELING POULTRY YARDS, Box S, PULASKI, N. Y.

## RHODE ISLAND REDS ROSE AND SINGLE COMB

Largest Exclusive Breeders of Reds in the South

All birds standard bred, correct color, hardy and prolific. None but the best allowed to live. Send us your orders if you wish to start right. List of winnings, with matings for 1906 free.

Eggs for Hatching from Prize Pens, \$2.00 per 15. Special Prize Matings, \$3.00 per 15.

WEST DURHAM POULTRY FARM, WEST DURHAM, N. C.

## WARD'S RHODE ISLAND REDS

Win at Florida State Fair in hot competition 1st pen, 1st and 2nd hens, 1st pullet and 2nd cock. We have mated up our yards for the season and are now prepared to furnish fertile eggs for hatching at \$1.50, \$2.00 and \$3.00 per setting. Write for free circular descriptive of matings.

LAKEMONT POULTRY FARM,

C. FRED WARD, Prop'r, WINTER PARK, FLA.

## 2000 RHODE ISLAND REDS

Both Rose and Single Comb, Cocks, Hens, Cockerels and Pullets, all dry fed farm raised stock, \$2, \$2.50 and \$5, according to quality. Eggs \$1.50 and \$2 per 15; \$6 and \$8 per 100; discount on 500 or more; 45 mated pens of choice selected breeders. Free circular. We aim to please.

ELNWOOD POULTRY FARM, S. L. BARR, Prop. BRIDGEWATER, MASSACHUSETTS

## KENNON'S BLUE RIBBON BARRED ROCKS (Ringlet Strain)

Win wherever shown. Matings better than ever. Score 91½ to 93½ (leading judges). Eggs cockerel or pullet bred, 15, \$1.50; 30, \$2.50; \$100, \$6.50. Incubator eggs, range flock, \$4.00 per 100. Poland China Swine, M. B. Turkeys. (12 years breeder).

H. L. KENNON,

Route 2,

DUNNECAN, MO.

## SHOW DATES

It is our intention to publish dates selected as soon as we can learn them, and we would thank our readers to keep us informed as to dates, judges and secretaries, with their addresses. If errors are made please notify us.

Anadarko, Oklahoma—Jan. 15-18, 1908. M. S. Fite, Judge.

Atlanta Poultry Association—Dec. 4 to 10, 1907.

Bonham, Texas—Dec. 10 to 13, 1907. H. W. Blanks, Judge; W. T. Smith, Secy. and Treas.

Cleveland, Tenn.—Dec. 17-19, 1907. D. M. Owen, Judge; A. J. Lawson, Secy. and Treas.

East Tennessee Poultry Association, Knoxville, Tenn.—Jan. 7-11, 1908. D. M. Owen and Loring Brown, Judges; John T. Oates, Secy. and Treas.

Greenfield, Tenn.—Jan. 7 to 10, 1908. W. H. Dolan, Secretary and Treasurer.

Greenville, S. C.—Dec. 10-14, 1907. S. T. Lea, Judge.

Jamestown Exposition Show—Oct. 28, 1907. John A. Murkin, Jr., Supt., Nashville, Tenn.

Indianapolis, Ind.—Feb. 3-8, 1908. Wm. Tobin, Secy.

Monroe Poultry Association, Monroe, N. C.—Jan. 7 to 10, 1908. Judges, Dr. T. S. Lea and H. E. Frymire; T. P. Dillon, Secy.

Nashville State Fair—Sept. 23 to 28, 1907. Nashville, Tenn.—Jan. 6-11, 1908. Jno. A. Murkin, Jr., Secy.

Nashville Pet Stock and Poultry Association—Dec. 9 to 14, 1907. Fred Klooz, Secy.

Cash prizes paid to Club Raisers. See Center Double page.

## The Southern Planter

15c A YEAR

As a special inducement to old and new subscribers alike we have arranged to send **The Industrious Hen** and **The Southern Planter**, Richmond, Va., one year for 65c.

We recommend **The Southern Planter** as one of the best farm publications in the South. Send to them for sample.

All subscriptions should be mailed to

## THE INDUSTRIOUS HEN

Knoxville, Tenn.

## RED COAT STRAIN

### R. & S. C. RHODE ISLAND REDS

Line bred for 11 years. The strain with a record. Winning this season at Englewood 13 ribbons on 13 entries, and Silver Cup for best display. At Paterson, 11 ribbons and R. I. Red Cup. At Rutherford, 22 ribbons and Silver Cup for best Reds. Also Silver Association Cup for best C. R. Hen, Cockerel and Pullet, ANY VARIETY.

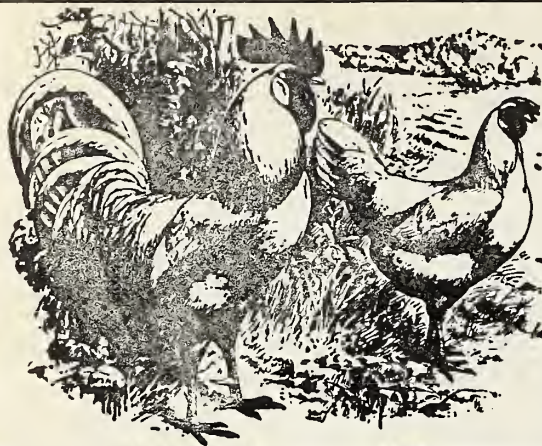
This record is not wrinkled and grey with old age but right down to the minute.

Eggs \$2 per setting; 3 settings \$5. Limited number settings at \$5 from special prize matings.

SEND FOR 1907 MATING LIST.

C. & H. P. WADSWORTH  
Box 112. Ridgewood, N. J.





## CHILDRESS' S. C. WHITE LEGHORNS

**Best Egg Producers in the World.**

They Have Won First Prizes Over the World's Most Noted Breeders

At Hagerstown, Md., Atlanta, Ga., Birmingham, Ala.,  
Charleston, S. C., Chattanooga, Tenn., Sweetwater, Tenn.,  
Knoxville, Tenn., and Nashville (Tennessee State Fair.)

**I MAKE A SPECIALTY OF BREEDING THIS POPULAR BREED**

Their show record demonstrates their superior quality.

**EGGS!** Seven Grand Yards Mated---Every Yard **EGGS!**  
Headed by First Prize Winners

Price of Eggs, \$3 for 15, or 30 for \$5, just as they run, from these prize  
pens. One pen specially mated. Eggs carefully selected, \$5 for 15 eggs.  
Send order from this ad. or write

**JNO. F. CHILDRESS (Box H) Sweetwater, Tenn.**

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Our vanity is responsible for reproducing the following taken from different sections of the country. Lack of space forbids more:

"I have had splendid results from my ad. You may continue it through April."—D. B. Graham, Brookwood, Ala.

"I am greatly pleased with the publication of your journal and find that it is a *business getter*. I am much pleased with my advertising."—S. T. Schreiber, Rockford, Ill.

"We are anxious not to miss a single copy of THE HEN as we consider it one of the good ones. We are having a good trade now, but look for a larger one in April and May."—A. W. Porter & Co., Bridgeport, Ind.

"We consider THE INDUSTRIOUS HEN one of the cleanest, neatest and best poultry journals published in America, and are willing to do all in our power to increase its circulation in old Virginia."—The Farmer's Guide, Lynchburg, Va.

"Enclosed find postoffice order for 50c renewing my subscription to THE HEN, which is the best poultry journal I have ever read. Frequently a single copy has been worth more to me than the cost of the journal for ten years. Each copy always contains some valuable information. Send to my address a few sample copies and I will hand them to friends."—Eugene Horton, Athens, Ala.

"For some time I took several poultry publications, more to get an insight into the regular merits of the different journals on farm and poultry, and after reading them all, decided upon THE HEN as being the best general poultry periodical published and during the few years it has been sent me I have become so much attached to it that I now anticipate its arrival each month as regularly as I do my daily paper."—J. H. Hentsell, Tucson, Arizona.

After the appearance of my little article on Angora Goats in THE HEN, I have had so many inquiries about Angoras that I am convinced your paper would be a good medium of advertisement. Said article, as you well know, was not intended as an advertisement, as I did not desire to sell any stock, except a few bucks; however, I have sent two pairs of last spring kids to parties who had seen said article in THE HEN. The inquiries about Angoras have come from five different states. The reason I did not desire to advertise any this season is that I have always had more orders than I could fill, and I want to increase my flock by keeping all the does a few seasons. When I get a sufficient flock I will advertise them in THE HEN."—T. E. Thatch, Cleveland, Tenn.

See Clubbing Offer elsewhere and take advantage at once.

**BOOKKEEPING  
AND SHORTHAND TAUGHT BY MAIL  
BOOKKEEPING**  
Knoxville Business College  
Address Dept. 16, KNOXVILLE, TENN.

## KULP—CHICKENS—EGGS

When you think of one you will think of the rest and remember I breed

**Rose and S. C. Brown and Rose and S. C. W. Leghorns**

With Records of 242, 240, and the Whites 236, and I have  
size and size of Eggs. Winners at MADISON SQUARE, too.

**White Wyandottes, Barred Rocks and Buff Rocks**

Are the Finest Strains and are bred to lay. Big money has  
been refused for our White Wyandottes in the last year.

**Collie Pups.**

**W. W. KULP, Box 75, Pottstown, Pa.**

...RECORD BREAKERS...



**R. C. BROWN AND S. C. WHITE LEGHORNS  
and S. C. BLACK MINORCAS.**

I breed to lay. Have two hens that layed 253 eggs when pullets. My matings  
are made from my best layers. I challenge the world for better laying strains.  
Eggs and stock by the 100 or less lots. Write me for show record.

**FRED AXLEY, R. 5, Sweetwater, Tenn.**

## WILBER'S WORLD'S BEST SINGLE COMB WHITE LEGHORNS

**Just What You Want. Bred to Lay and Win and Do It**

Our yards are mated and are made up strictly of our past season's grand winners, and  
from these fine birds and matings are sure to come many of the blue ribbon winners in the  
WORLD'S BEST shows. Look up our winnings in the recent great Nashville, Tenn., show.  
Eggs, per 15, are \$2, \$3 and \$5, or \$3.50, \$5, and \$9 for 30; special prices in 100 lots.  
Satisfaction Guaranteed. Handsome catalog free.

**WILBER BROS., Box G, PETRUS, TENN., U. S. A.**  
**THE WHITE LEGHORN MEN**

## "Russell's" S. C. Brown and White Leghorns, R. C. R. I. Reds,

**BARRED PLYMOUTH ROCKS AND WHITE WYANDOTTES.**

Prize Winners, Farm Raised, Extra Quality. Eggs a specialty. New 1907 Catalogue Free.  
Write wants to

**F. H. RUSSELL, Box H, WAKEMAN, OHIO.**

## Rhode Island Reds and Black Langshans

Prize winners at Nashville, Columbia, and Tennessee State Fair. We have just purchased  
the very best stock that money could buy from a prominent Eastern breeder of R. I. Reds.  
Eggs from these three specially well mated pens, \$4.00 and \$5.00 per setting. Also some  
extra fine Langshans and White Wyandotte eggs at \$3.00 per setting.

**PARK POULTRY PENS, MISS ALICE PELTON, Mgr.**  
**Cor. 26th and West End, NASHVILLE, TENN.**

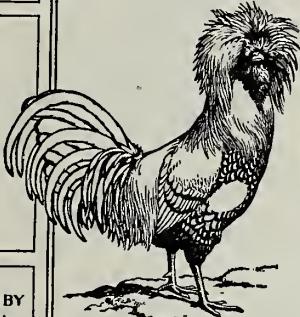
**Is The Industrious Hen Visiting Your Home?**



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PUBLISHED BY  
AMERICAN  
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The above is a reproduction of the cover of the new Standard which contains nearly 400 pages, and has nearly 100 full page illustrations of male and female of the leading varieties. Many important changes and additions have been made, and no other changes will be made until July, 1910. You will be groping in the dark without this authority.

This book is the only authorized description of the different varieties of fowls and is issued by the American Poultry Association, who fix the price at \$1.50. It is the law which governs the judges in making their awards. You can neither buy, sell, show or breed thoroughbred fowls without it. We can furnish a copy of this book at above price postpaid. You can not know which birds to take to the show and which to leave at home without it.

THE INDUSTRIOUS HEN one year and the Standard, \$1.75.

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KNOXVILLE, TENN.

## "HOMEO" THE LIFE SAVER

a Free book of 32 pages on the care of poultry and "How to Prevent Disease." Gives Symptoms, Diagnosis and Treatment. Write for it today. Dept. R. CUGLEY & MULLEN 1229 Market St., Philadelphia, Pa.

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Nothing so good for your Hens and Chickens

3½c Per Lb. F. O. B. Knoxville

**T. E. BURNS CO.**

111-113 Wall Street, - Knoxville, Tenn.

## DERBY GAME BIRD.

The largest, cleanest and best Game Fowl paper published. And still the cheapest in price. 25c per year. Sample free. A postal gets one. Address

**GAME BIRD, Derby, Indiana.**

## DOT FAITHFULS HEN

WRITTEN FOR THE INDUSTRIOUS HEN BY  
BENTON M. STANTON.

Vone days mit money, I goes down  
To buy dot schickens in der town,  
Mit intensions to bring him home  
Und eat, but as mit him, I come  
Along der roads, back up der way,  
I meets Friendt Schake dot vants to say:  
"Vot mit der schickens, mean you do?"  
"Vhy Schake, mit him I makes der stchew!"

"Vot for mit him you makes der stchew?  
Ven dot is gone, your mon' is too.  
Vhy not mit him you puts his match  
Und sot dem on der aigs dot hatch  
Mit dem, more schickens oudt, dot you  
Might schome days have schoost lots auf stchew.  
Vot for you now eats schoost vone hens,  
Ven maybe schoon you couldt have ten."

Mit Schake's advtice, I tooks dot hen,  
Und bought dot match for him, und dem  
In schoost a vhwile daire came vone day,  
Mit dot goodt hen oudt daire to play  
Mit all der bugs und vorms aroundt  
Der house, der barn und on der groundt,  
Vone dozen schickens vitch didt not  
Have fedders like daire mudder's got.

But schoost as Schake hadt saidt, dey grew,  
Und schoon dey was big schickens too.  
Und schoon der man vot buys, came down,  
Und saidt he take 'em by der poun',  
Und ven I sold dem schicks mit him,  
He filldt mine handts mit coin for dem.  
Und schoon dot hen beguns to lay,  
Und fotch dot moneys every day.  
Dot hen! Dot hen! Dot faithfuls hen!  
She always fotch dot moneys in!  
Und zo I vent, und zo I came,  
She lays dot aigs each day der schame;  
Und zo I sleep und zo I vake,  
She never vone vacations take.  
Dot hen! Dot hen! Dot faithfuls hen!  
She always fotch dot moneys in!

Cookeville, Tenn.

Look at the date after your name  
on the wrapper or cover and see  
when your subscription expires.  
You can renew now, three years  
for \$1.00.

## Take Care of the Woman

The laity generally consider the nose simply from its esthetic point of view and as the organ of smell. But the role the nose plays in respiration is by far its most important function. It not only serves as a passageway for the air in breathing, but it also warms, moistens and filters the inspired air. Bosworth has calculated that the nose should secrete about one pint of water daily, part of which is supplied by the tears, in order to moisten properly the inspired air.

The filtration of the air is accomplished first through the action of the hairs at the external margin of the nose which hinder the entrance of large particles; and second by the adhesion of small particles to the moist surface of the intricate passages of the nose and the naso-pharynx. The microbes are expelled with the dust. In addition to this, the nose has probably the power of destroying any bacteria through the germicidal action of its mucus.

The nose also aids in phonation. Another and very important function of the nose is the ventilation it affords to the ears and their accessory sinuses.—Dr. Anna M. Galbraith in *The Delineator* for April.

**PIEDMONT**

"IS THE BEST."

Write for Catalogue  
Piedmont Business College,  
Lynchburg, Va.

## LOCOMOTOR ATAXIA

AND PARALYSIS CONQUERED AT LAST BY  
**DR. CHASE'S BLOOD AND NERVE FOOD.**  
Write me about your case. Advice and proof of cures  
FREE. DR. CHASE, 224 N. 10th St., PHILADELPHIA, PA.

## Death To Lice

is just as effective as a sword thrust.  
Harmless to poultry and stock but  
death to the louse and his family.  
It is the old-time Lambert's Death  
to Lice—the sure killer of vermin  
on poultry, stock, sheep or plants.  
Sample postpaid 10c. 100 oz. by ex-  
press \$1.00. Ask for "Pocketbook  
Pointers." Sent free and worth  
many times the trouble of sending  
a postal for it. Write today.

O. K. Stock Food Co.  
647 Monon Bldg. Chicago



Member American Leghorn Club  
Member Virginia Poultry Ass'n.

**SINGLE COMB**  
**Brown Leghorns**  
STRAWBERRY HILL  
POULTRY YARDS,  
Box A, 287, Richmond, Va.  
EGGS FROM WINNERS  
15 for \$3.00 30 for \$5.00

Leading winners at Va. State Fair, Richmond, where more Leghorns were shown than at Madison Square, N. Y., 1906. I won 1st Cock; 1st and 2nd Cockerel; 1st Hen and 2nd Pullet. Judge Lambert pronounced my 1st Cockerel to be best Leghorn male in show of any variety. This strain of line bred birds have been winning at all the leading shows for more than 15 years. My matings this season are without exception the equal of any in America. Circular free.

## Healthy Chickens Pay Sickly Ones Do Not

Then to keep them healty and to make them pay, keep them free from lice by using **Summers' Dead Shot Lice Killer**. It is easy to use and does the work every time. It is all its name implies and is sold on a guarantee. 25c per box; if by mail 40c. Sample 10c. postpaid. Ask for my book "The Louse Question."

**M. A. SUMMERS**  
MANUFACTURER

SO. CARROLLTON, - - KENTUCKY

## Agents Wanted!

To sell "Homeo" Poultry Remedies. The most successful remedies on the market. Easy to sell. Liberal commission. See our ad in this paper. Write at once for full information.

CUGLEY & MULLEN, Dept. R.  
1229 Market Street, Philadelphia, Pa.

## METAL MOTHERS



Complete fireproof hatchling and brooding plant for \$7.50. 2 quarts oil will hatch and brood 50 chicks. Our nest system is the latest discovery. Full line poultry supplies. Lowest prices. Free catalog. Write today.

CYCLE HATCHER Co.,  
Box M, Keeseville, N. Y.



## MOFFITT'S

Perfection Ideal Aluminum Leg band—12c; 25 for 20c; 50 for 40c; 100 for 65c. State variety bands are for. Send two cents for sample. For Poultry and Pigeons.

G. MOFFITT, SOUTHBRIDGE, MASS.

**EGGS ALL WINTER** if you feed Austin's Ideal Mash Mixture. Will increase profits. Prepared from pure grains and beef scraps. Scientifically balanced. Made only by  
**E. E. ELLSWORTH, Johnson City, Tenn.**



**SINGLE COMB**



**Rhode Island REDS**

THAT ARE RED.

STOCK FOR SALE  
Eggs \$3.00

SCOTCH COLLIES.  
WALTER J. HUNTER,  
JOHNSON CITY, TENN.

## MANCHESTER POULTRY YDS.

H. B. LANSDEN & SON, Pr pr's  
MANCHESTER, TENN.

## S. C. RHODE ISLAND REDS

(Exclusively)



Our yards for this season contain the majority of the first and second prize winners in Charleston, Columbia, Birmingham, and Nashville. We are headquarters for the best.

Eggs from three grand pens, \$5,  
\$3 and \$2 per 15.

No incubator or open free range eggs.  
All high class special matings. Try  
us if you are after good stuff.

## S. C. RHODE ISLAND REDS

Orders booked for eggs now. \$2.00 per 15  
from 2nd pen at Knoxville Show, December,  
1906. Also few choice cockerels.

**MISS ROSE WALLACE**  
HARRIMAN, TENN.

## S. C. RHODE ISLAND REDS

Reds that are winners. Exclusively bred  
for their distinct color, laying, utility and  
show qualities. Some nice cockerels now.  
Eggs \$3 per 15, \$5 per 30. Correspondence  
solicited.

**T. M. NESBITT,**  
908 South 29th St., Birmingham, Ala.

## WHITE Orpingtons

Truly a grand all-purpose fowl.  
Unsurpassed as layers and remark-  
ably well rounded in shape. My  
"Blue Ribbon" WHITE ORPINGTONS  
are of the Best Blood, bred for  
Utility and Exhibition purposes.  
Eggs from 3 pens that will produce  
results. Each headed by a Blue  
Ribbon Winner. \$3.00 per setting.  
Shipped safely anywhere. Let me  
send you circulars about them—  
their winnings at the largest shows.

**F. S. BULLINGTON**

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If you intend to buy a sewing machine, you should turn to the advertisement of THE INDUSTRIOUS HEN High-Arm Ball-Bearing Sewing Machine, in this issue.

The two things you want in a sewing machine are: First, that it shall be strictly high grade, fitted with every improvement, and second, the price should be as low as such a machine can be sold for.

These requisites are fully met in our machine. When you read the full and accurate description of our machine, you will see that it has everything necessary to make it what you want, and you will also see that we offer it to our readers for only \$16.00.

For \$16.00 we ship you the machine with all attachments, and give one year's subscription to THE INDUSTRIOUS HEN. In sending in your order with \$16.00, we suggest that you send the money by registered mail, or by means of a money order or draft.

Wyandot White Oil is a product of petroleum refined by a new process especially for incubator and brooder use. This oil by its purity prevents wicks crusting and maintains that steady, even flame so important in securing even temperature in your incubator or brooder. During the past season it was the writer's pleasure to see actual tests of this fine oil at the leading poultry shows of the country and it is with pleasure that we can give our endorsement to such a fine product as Wyandot White Oil. It always pays to have the best and we can say unhesitatingly that Wyandot White Oil is best for incubators and brooders and the cost is but little more per gallon. As it makes more heat the cost between this best and common oil is very little, if any. Everywhere this year we heard poultrymen, men who run large incubator plants, speak highly of the Wyandot White Oil. Many leading poultrymen use this oil exclusively in their plants. You are making a mistake if you do not give it a trial. If your dealer does not handle it, don't take some cheap substitute, but write direct to the house, Wyandot White Oil Refining Co., Cleveland, Ohio, and they will send you literature, prices, etc., and tell you where you can get it nearest to you. "After all, it is the oil."

## Look at Your Address Tag

Subscribers who want The Industrious Hen to come along regularly without interruption should renew one month before date on address tag is reached.

## EGGS FROM PRIZE WINNERS

Barred Plymouth Rock (Ringlets), Rose Comb Rhode Island Reds (Smith's 214 egg strain), Single Comb White Leghorns (Wyckoff).

First Prize winners at Virginia Valley Poultry show, Harrisonburg, Va., Dec., 1906. Scores ranging from 91½ to 93 points, by G. O. Brown, Judge.

Eggs 8c each. Satisfaction guaranteed. Write for circular.

### MUDDY CREEK POULTRY FARM

J. N. JONES, Mgr., R.F.D. No. 6, Harrisonburg, Va.

## ROSE COMB RHODE ISLAND REDS EXCLUSIVELY.

21 acres and all my care devoted to them. Winners at Elgin and Nunda, Ill., scoring to 94 points. Eggs \$2.00 for 15; \$5.00 for 45; \$10.00 for 100. Some grand dark, cockerels with score cards for sale.

HENRY T. SHANNON, Cary Station, I. I.

## WE ARE LAYING & HATCHING FOR YOU DE GRAFF POULTRY FARM

AMSTERDAM, N.Y.

CATALOGUE  
FREE

BEST  
REDS  
IN  
AMERICA



## RHODE ISLAND REDS

From the Original Tripp-McComber Flock.

White, Silver, Golden and Buff  
Wyandottes; Buff, Barred,  
Black and White Rocks;  
Brown, Buff and White Leg-  
horns; Black Minorcas and  
Javas; Light Brahmas,



Send for Circular.

**HARDY, PROLIFIC, FARM BRED,  
PURE STOCK.**

For Birds at Moderate Prices, or "Eggs to  
Hatch," at 10 cents each, write to

**WALTER SHERMAN**

CLIFFDALE  
NEWPORT, R. I.

## EGGS FOR HATCHING

White and Barred Plymouth Rocks,  
White Wyandottes, R. C. R. I. Reds,  
Buff Orpingtons, Buff Cochin Bantams.

EGGS \$1.50 FOR 15



EGGS for INCUBATION

## HEAVY WINNERS

In South's Leading Shows.

## BERKSHIRE HOGS

Write for circulars.

## WHITE OAK FARM

COMMERCE, CA.

Renew your subscription to this  
paper at once. Don't miss a single  
number. Three years for \$1.00.



### A Few Questions for Poultrymen

If your fowls are ailing, can you determine from their actions just what the trouble is?

If you can, do you know of a remedy that is absolutely reliable every time?

Can you tell just what causes that particular ailment, so as to prevent its recurrence?

Do you know that you are entitled to just so much profit from each fowl, whether you own three or three thousand?

Do you fully understand how to house them, feed them, treat them, breed them and raise them, to fully realize the greatest profit?

How would you like to have, right at your hand, the condensed opinions, the consensus of opinion, of the most successful poultry raisers of the country, as your daily guide in poultry culture?

How would you like to have this opinion of the most successful, indexed and condensed, so that you would not have to wade through volumes to get at the meat of the question you may have in your mind?

How would you like to know at once, the best form of house, the best breed of poultry for a given purpose and given locality and climate, the best appliance for a specific purpose, the best of interest for the poultryman?

As this is the season for gapes, what do you know about the matter? What causes this disease? What will you do to cure it absolutely? What will prevent your fowls from having it again? What will cure it without all the trouble and uncertainty of fumes, extractors and all that nonsense?

This is how! Look up The G. E. Conkey's advertisement in this issue and note the conditions for obtaining Conkey's book on Poultry Diseases free. It has been selling for 25c and is worth dollars. Send today.

Cash Prizes paid to Club Raisers. See Center Double Page.

## 25¢ Buys a Life Saving DAVIS SANITARY FOUNT

Clean, fresh water is LIFE to young chicks. Davis' founts insure a constant supply and chicks can't get drowned or wet in them, or tip them over. Only fount made that feeds water, grit, oyster shells, grain, etc.

Price 25c each, \$2.70 per doz. Postage 15c each extra. No bottles or cans included, but any size old can or bottle can be used.

Ask your supply, hardware or feed dealer for them, or write for our catalogue of Up-to-date Necessities for Poultrymen, including poultry and pigeon leg bands, founts, roost brackets, metal nests, poultry punches, etc.

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(Limited)  
Manufacturers  
516 Hanover St.  
Battle Creek, Mich.



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N. L. Willet Seed Co., Augusta Ga.  
Central Poultry Supply Co., Macon, Ga.  
D. R. Mayo, Knoxville, Tenn.  
G. B. Ehrhard & Co., Nashville, Tenn.

## SPRING GROVE POULTRY FARM ROSE COMB RHODE ISLAND REDS

Good Breeding Cockerels and Pullets for Sale.

Won 1st cock, 1st hen, 2d cockerel, 2d and 4th pullets, 2d pen, Knoxville Show, Jan., 1906, competing with all Reds, both Rose and Single Comb. Eggs and Stock.

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# MAKE POULTRY PAY

Heap up the egg basket—there's where the profit lies. Feed your chicks, hens, brooding stock and fowls to fatten, our foods. Thirty years continuous experience has taught us to compound a balanced ration adapted to every stage of a fowl's life.

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come in three different formulas: Food "A" makes little chicks grow strong, healthy, vigorous; Food "B" contains egg-making ingredients that make it easy for hens to lay in winter; Food "C" is for fattening fowls for market—makes 'em increase fast in fat; their meat is sweet, tender, plump and brings top-notch market prices. It's economy to feed Fidelity Poultry Foods. Catalog free. Agents wanted. Pineland Incubator & Brooder Co. Box K, Jamesburg, N. J.

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Novelistic in style; clear and clean, strong and elevating in character; simple for youngest readers, and for mothers to read to

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Only Children's Magazine published in the South. Published at Richmond, Va. Price \$1.00 a year.

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For the next 30 days we will send the *Little Folks' Magazine* and *THE INDUSTRIOUS HEN*, both one year for \$1.00. This means *THE INDUSTRIOUS HEN* one year free.

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Title of my new book which is revolutionizing the poultry business all over the country. My great feed at 10c per bushel will save you \$25.00 on every 100 hens you feed a year as well as increase your egg yield over 30 per cent. Nothing like it ever discovered for producing winter eggs and fertile eggs. For growing chicks it has no equal. No mashes or cooking feed under this great system. Broilers go 1 1/4 to 1 3/4 pounds in seven weeks on it. No science required to feed my system. Failure impossible. Start right. Circular and testimonials free. Write today and stop that big feed bill.

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### Drugs and Their Uses for the Poul-man.

#### FOR INTESTINAL WORMS.

1. Isolate infested birds and destroy or disinfect their droppings while being treated.
2. Put one to two drams of copper sulphate (blue-stone) in each gallon of drinking water, for one week, or
3. Powdered pomegranate root bark (for tape worms) followed by two or three tablespoonfuls of castor oil; or
4. Oil of turpentine, one to two teaspoonfuls, followed in four to six hours, with castor oil.
5. Powdered Santonin in 5 to 8 grain doses is especially good for round worms.
6. Chopped up pumpkin seed for tape worms.

#### FOR WORMS IN THE AIR PASSAGES.

1. Turpentine introduced by stripped feather, into the windpipe.
2. Steaming with creolin and turpentine in the hot water.
3. Feeding garlic in the food.

#### FOR DIARRHOEA.

1. Subcarbonate of Bismuth, 1 to 4 grains. Two to three times per day; or
2. Pulverized cinchona bark. 1 to 2 grains 3 times a day and
3. Quinine 1-8 to 1-2 grain two times per day.
4. Dry feed or cooked and slightly moist feed.

#### CONSTIPATION.

1. Epsom salts—20 to 30 grains in 1 tablespoonful of water; or
2. Castor oil, 1 to 2 teaspoonfuls; or
3. Calomel, 1 to 2 grains; and
4. Soft feed.

#### FALL LICE.

1. Lard or vaseline over head, under wings and around anus.
2. Dipping in 15 per cent kerosene oil emulsion; or
3. Dipping into 2 to 5 per cent creolin solution.
4. Pyrethrum powder dusted among the feathers.
5. Clean nests, yards and houses.

#### FOR INTESTINAL DISINFECTANT.

1. One-half to 2 drams of copper sulphate (copperas) in one gallon of drinking water; or
2. One-half to 2 drams of iron sulphate in one gallon of drinking water; or
3. Salol 1-2 to 1 grain, once or twice daily.
4. Naphthol 1-2 to 1 grain, once per day after eating.
5. Resorcin 1-4 to 1-2 grain once per day after eating.
6. Hyposulphite soda, 4 to 10 grains in one tablespoonful of water.

#### FOR CHICKEN MITES.

1. Lard or vaseline on legs, feet and head applied once or twice per week. Wash off scales.
2. Kerosene Emulsion sprayed on walls,

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No farmer should think of buying a home before seeing a copy of the Farm and Real Estate Journal. It has the largest list of lands advertised in it of any paper published west of Chicago. It reaches 45,000 readers each issue, 85 per cent of which are farmers, and is one of the best advertising mediums if you have any property to sell. Advertising rates 2 cents per word.

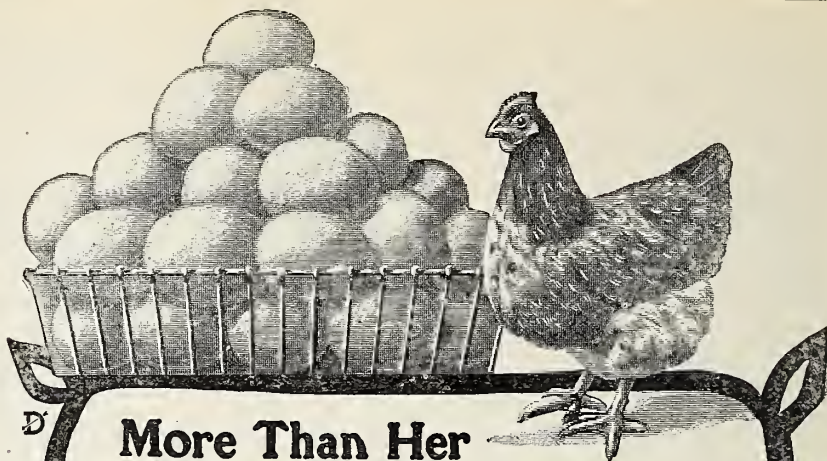
For 75c we will mail you the Journal for a year, or for 10c in silver we will send it for two months on trial.

**Farm and Real Estate Journal,**

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Good as the BEST. Makes hens lay; keeps them healthy. Egg Preservative; keeps eggs perfectly fresh for months. Fumigating Nost Egg; drives lice and fleas from hens and nests. A great combination for poultry raisers. Write for descriptive circular to **ECONOMY CO., 5304 Station G, Washington, D. C.**



## More Than Her Own Weight in Eggs Every Month

Such big egg production can only be had when the hen is in good condition---strong, healthy and properly fed. To insure a willingness to lay regularly, you must supply the proper feed but more than enough to just sustain life. The yield of eggs from a hen properly and sufficiently fed is only limited by the capabilities of the individual bird, *but in order to reach that limit*, whatever it may be, use

## CORNO HEN FEED

It has been proven to contain the proper variety of grain, containing sufficient nitrogenous matter, and if fed in conjunction with the usual grit will insure the best results at all times. *Ask your dealer.*

We will **SAMPLE** to any reliable poultry raiser and quote a price on any quantity *delivered* at your nearest railroad station.

Write **THE CORNO MILLS CO.**  
**Maker of "The Feed That Is All Feed"**  
 1500 Baugh Ave. EAST ST. LOUIS, ILL.



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### SHOW BIRDS AND UTILITY STOCK

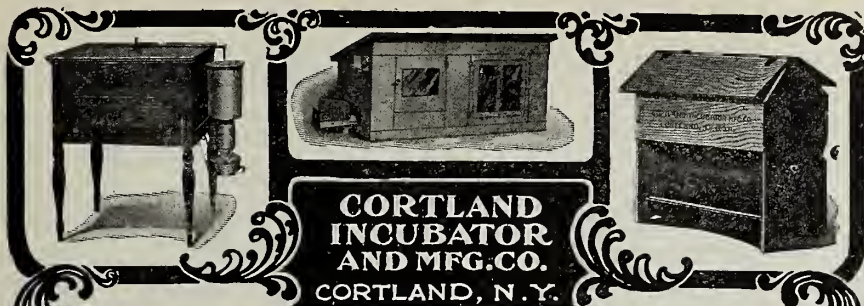
Plymouth Rocks, Barred and White Wyandottes, White Male birds \$3.00 to \$10.00; females \$2.00 to \$5.00. Settings of Eggs \$1.50 to \$3.00. \$10.00 per hundred.

### SPECIAL OFFERING 25 PER CT. DISCOUNT

25 Rough-Coated Scotch Collies; pen Buff Cochins; 1 pen Golden Wyandottes; 1 pen Bantam Buff Cochins; 1 pen Light Brahmas; 1 pen Red Pyle Games (Bantams); 1 pen Black Breasted Games; 1 pen Japanese Black Tails; Narragansett and White Holland Turkeys; Toulouse Geese, and Imperial Pekin Ducks. Send for special prices.

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INCUBATOR  
AND MFG. CO.**  
CORTLAND, N. Y.

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Our confidence in our Chick Machinery impelled us to purchase a well equipped factory in which to manufacture the Cortland Incubator, which will hatch every hatchable egg and the Cortland Brooder which will rear every rearable chick.

We discarded the time honored, but false theories universally prevalent in Incubator construction and adopted new and proven methods which will **GIVE YOU THE CHICKS.**

Compare conditions as they average in the Hatching Chamber of the Cortland and under the setting hen.

	In the Cortland	Under the Setting Hen
Humidity . . . . .	59	57.7
Carbon-Dioxide . . . . .	20 65	24 5
Evaporation . . . . .	9.7	11

Which is as close as human ingenuity has, yet, come to nature.

No. 1—150 egg size, \$20.00. No. 2—250 egg size, \$29.00. No. 3—400 egg size, \$37.00

THE CORTLAND TOP HEAT PURE AIR BROODER furnishes the chicks with plenty of heat and plenty of pure fresh air, without currents or draughts. The Heat Drum is attached beneath the Hover—NOT UNDER THE FLOOR—and warms the backs of the little fellows without roasting their legs.

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The entire Heating System lifts out to clean the machine. The Cortland Brooder is cheerful, wholesome and built on nature's lines—IT REARS YOUR CHICKS.

Colony Brooder . . . . .	\$17.00
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Indoor Brooder . . . . .	7.50
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CORTLAND, N. Y.

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**A full line Prairie State Incubators and Brooders. Write me your needs**



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**RAT, MINK, WEASEL, LICE, MITE AND VERMIN PROOF**

Made of galvanized steel plate and will last for years. Sanitary, there being no place to harbor disease germs. Easily taken apart and cleaned. The coop has three sliding doors: one of rods that keeps the mother in; one of wire cloth that ventilates it and keeps out rats and minks; a solid door that regulates the ventilation and keeps out rain and cold. We also make metal Exhibition coops.

Agents wanted in every county.

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roosts, floors and nests once per week for what is commonly called chicken mites or chicken ticks.

3. Two to 5 per cent creolin solution sprayed on same places as (2).

4. Formalin 1 part to 200 parts of water sprayed as (2).

5. Corrosive sublimate (very poisonous) 1 part to 1,000 parts of water sprayed as (2).

6. Boiling hot water frequently applied by pouring over walls, roosts, nests and floor.

7. Clean chicken house every day until mites are gone.

**FOR SOREHEAD.**

Remove the crusts on the head, in the eyes and mouth and apply:

Tannic acid, two ounces.

Boric acid, two ounces.

Iodoform, four drams.

Mix well and apply after removing the scabs or crusts and in four or five hours apply vaseline or fresh lard all over the diseased places. Apply above dust powder once per day thereafter and then the vaseline or lard. Do not remove the crusts every day, except in the eyes. Feed with the hands all that can not see.—*Dr. C. A. Cary, Alabama Polytechnic Inst., Beltolt, Ala.*

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**CHANGING SEASONS—CHILL WINDS—  
WINTRY WEATHER**

bring on colds, catarrh, etc., that lead to ROUP, the scourge of the poultry yard. It can be prevented and cured with

**GONKEY'S  
ROUP CURE**

The only positive cure known to scientific poultrymen.

It Is Absolutely Guaranteed.

Money Back If It Fails.

A thimbleful in the drinking water and fowls eagerly cure themselves.

No trouble—no fuss.

Price 50c and \$1.00 Postpaid.

Conkey's Valuable Book For Poultrymen Free.

Regular price 25c. Free to you for 2 cts postage and names of two other poultry raisers. All of Conkey's Remedies are **Positively Guaranteed.** A specific remedy for each disease of the domestic fowl.

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Get something reliable when you buy.

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**SPRAYERS**

For trees, shrubs and vines. Model appliances for poultrymen for whitewashing, disinfecting, etc.

Write for catalogue with full particulars.

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Write us when in need of anything in our line.

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### Openings in the South

The Southern Railway has particulars from various points along its lines in eight Southern States concerning opportunities for different industries. Last year was a record-breaker in agricultural returns, and 1907 promises a continuation of good crops. The success attending all forms of industrial enterprises is being felt everywhere in the South, and there is strong desire in each community to secure its share. Raw material is abundant. The South has forests of useful woods, veins of coal and iron ore, beds of clay and cement materials, vast deposits of building stones and marbles, and almost unlimited water power. There are openings for wood, cotton, wool, leather and iron working plants, canning factories, cold storage concerns, repair shops and mills of various kinds, as well as mercantile houses. Persons looking for investments or locations for manufacturing plants—in many instances where local capital can be secured to share in the enterprise, or for farm lands, orchards, gardens, etc.—will please write M. V. Richards, Land and Industrial Agent of the Southern Railway, Washington, D. C., and they will be given prompt attention.

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with the  
**EXCELSIOR  
INCUBATOR**  
or **WOODEN HEN**  
Economical and perfect hatching.  
Absolutely reliable and self-regulating. Thousands in use to-day.  
**GEO. H. STAHL, Quincy, Ill.**

### YOUNG CHICKS JUST HATCHED



From thoroughbred  
Barred and Buff  
Plymouth Rocks  
and  
White Buff Leghorns  
Shipped any distance  
safely \$2.50 and \$5  
per hundred.  
Send for circular.  
Order early.

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They not only made a clean sweep at the Texas State Fair, but won more 1st prizes in Texas the past season than any other breeder. Write for illustrated circular.

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Give me Darling's  
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can raise 95 per  
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I have proved this.

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It is no trouble to hatch chicks. All the trouble lies in the raising.

They die of bowel trouble, of sleepy disease, and other causes. The cause of these complaints, and the real cause of the enormous death rate, is improper feeding.

No question about it—90% of all the deaths among little chicks is due to improper feeding.

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Is a Feed that is Adapted to Little Chicks' Needs

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Properly screened and cleaned and reduced to the proper size.

A feed that the chicks can digest. Not sweepings or waste from some mill.

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It procures a rapid growth, gives a good, strong framework, and makes larger and better market fowls and laying hens.

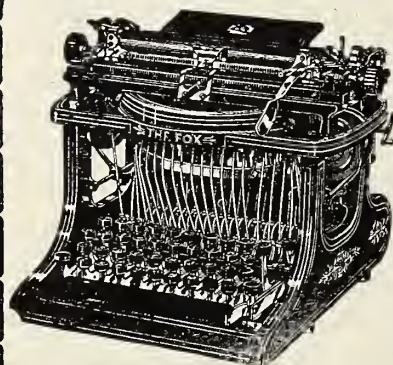
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Price \$2.50 per 100-lb. Bag, F. O. B. Cars, Chicago or New York. Cash with order.

### Darling's 100-Lb. Bag Line

Chick Feed, \$2.50; Laying Food, \$2.00; Scratching Food, \$2.00; Beef Scraps, \$2.75; Forcing Food \$2.00; Oyster Shells, 60c; Mica Crystal Grit, 65c. Shipments made from Chicago or New York. Prices f. o. b. cars. Cash with order. Our catalog gives particulars on feeds and feeding and lists a full line of up-to-date supplies. Write for copy.

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**ROSE** Comb Black Minorcas exclusively. Breeding and exhibition birds at reasonable prices. Eggs \$3.00 for 15; two settings for \$5.00. Albert Fletcher, Jr., Warren-ton, Virginia. 37

**BLACK** Minorca Park—S. C. Black Minorca, Northup strain, winners at Montgomery and Birmingham; eggs \$2.00 and \$1.50 per setting. Stock for sale. Mrs. J. R. McNair, Ozark, Ala. 36

**S. C. BLACK** Minorcas that won at Birmingham, Montgomery, Atlanta, Nashville and other shows. Eggs \$2.00 for 15. Stock a matter of correspondence. Mrs. W. S. Porter, Petersburg, Tenn. 38

**MY** White Minorcas have the size and are white; handsome birds; winners of 1st and 2nd cockerels, 1st and 2nd pullets at Tampa. Prospect Hill Poultry Farm, Clarcona, Orange Co., Florida. 39

**SINGLE** Comb Black Minorcas, bred for beauty, new standard weight, and great egg laying qualities. Have some fine show specimens, especially large cockerels, to offer. Write today for illustrated price list on stock and eggs. Charles G. Pape, Fort Wayne, Ind., 1617 North Cass St., Pres. American Minorca Club. 36

**ROSE** Comb Black Minorcas. Prize winners at all National shows. Trap nest record layers 247 eggs per hen in one year. Eggs guaranteed to hatch. Bred in line 15 years. S. T. Campbell, Mansfield, Ohio. 33

## ORPINGTONS

**S. C. BUFF** Orpingtons. Standard bred birds of quality. Eggs \$2. A. B. McLean, Columbia, Tenn. 37

**S. C. B. ORPINGTONS**—Solid buff to the skin. Eggs \$2.00 per 15. T. R. Hollowell, Murfreesboro, Tenn. 37

## ORPINGTONS—Continued

**SINGLE** Comb Buff Orpingtons, exclusively; 15 eggs \$2. W. B. Aiken, National Soldiers' Home, Tenn. 35

**BUFF** Orpingtons—Eggs from prize winners at the Bristol show, \$1.50 per 13. Address W. M. Burrow, Bristol, Tenn. 35

**DIAMOND** Jubilee Orpingtons. Eggs \$2.00 per 15. Newly hatched chicks \$2.50 per dozen. Fitz Hart, Wetumpka, Ala. 35

**S. C. BUFF** Orpingtons; good buff birds. Eggs \$2.00 per 15. Pekin duck eggs \$1.00 per 11. Mrs. W. A. Gibbon, Conway, Arkansas. 37

**ORPINGTONS**—Single Comb Black Orpingtons, Madison Square Garden winners. Eggs \$5.00. C. W. Zimmer, Fort Wayne, Indiana. 37

**ORPINGTONS**, Single Comb Buff. Fancy and utility stock for sale. Eggs \$2 per 15; \$5 per 45. Mrs. Sam McGhee, Box C, Dodd City, Texas. 37

**SINGLE** Comb Buff Orpingtons. Eggs from high scoring stock and prize winners, \$2.00 per 15; \$8.00 per 100. Mrs. G. W. Taylor, Orleans, Ind. 37

**C. S. BUFF** Orpingtons, exclusively. My breeding stock is very good and will give satisfaction. Eggs \$1.50 per 15; \$2.50 per 30. Elmer W. Moyer, Church Road, Va. 36

**ORPINGTONS**—Single Comb Buffs exclusively. Eggs from carefully mated pens, \$1.50 for 15. A few choice young cockerels, \$1.50, \$3.00. T. C. Ware, Clarksville, Virginia. 37

**S. C. BUFF** Orpingtons, Cook strain direct. Eggs from solid buffs of good size and shape, \$2.00 for 15. Incubator eggs \$4.00 per 100. Chas. F. Higgs, R. D. 15, Box 47, Broadway, Va. 38

**BUFF** Orpingtons—Pure buff, large and healthy. Our stock is the very best. Eggs \$1.00 for 15. Derry Farm, Bristol, Tenn. Reference, this paper or any Bristol Bank. 36

**BOGARDUS'** Orpingtons, Buff and Black. First prize winners Chicago, Cincinnati, Hagerstown. Send stamp for mating list, describing twelve grand yards. Eggs \$3.00 and \$5.00 per 15. O. A. Bogardus, Box C, Warsaw, Ky. 36

**BUFF** Orpingtons—At the Auburn meeting of the A. P. A. my birds won the New York State Buff Orpington Club Cup. Eggs \$2.50 per 13. Eggs from the 1st pen Rose Comb White Orpingtons \$3.00 per 13. A. Pierce, Orpington Place, Auburn, N. Y. 36

**WHITE** Orpington Home, America's largest specially single comb White Orpington farm. Hundreds of prizes won on birds of my breeding this season. Prize exhibition, breeding and utility birds for sale. Prices low. Write requirements. Earl L. Cook, Munnsville, N. Y. 35

## PLYMOUTH ROCKS

**WHITE** Rocks. Eggs \$1.50 for 15. Sam C. Lawrence, Cedar Bluff, Ala. 37

**BUFF** Plymouth Rocks exclusively. Bargains. Eggs \$1.50 per 15. D. W. Jardine, Staunton, Va. 37

**BUFF** Rocks—Pure Nugget strain. Eggs \$1.25 per 15; \$2.25 per 30; \$3.00 per 45. E. C. Tobias, Woolrich, Pa. 35

**BARRED** Plymouth Rock eggs from excellent matings \$1.00 and \$1.50 per setting. Frank A. Potts, Box 735, Charlotte, N. C. 35

**BEAUTIES**—Barred Plymouth Rocks, White Wyandottes. Best of blood. Stock for sale. Eggs \$1.50. Also Ginseng seed for sale. A. L. Tone, Blue Ridge, Ga. 37

**WHITE** Plymouth Rocks, Single Comb Brown Leghorns; will sell best fowls cheap, old and young stock. C. Cunningham, Maryville, Tenn. 35

**PURE** White and Barred Plymouth Rocks; best strains. Eggs \$1.25 per 15. Satisfaction guaranteed. Mrs. A. M. Dorris, Hendersonville, Tenn. 35

**RINGLET** Barred Rocks exclusively, bred for beauty and utility. Prize winners. Eggs \$2.00 per 13; \$3.00 per 26. W. G. Archer, Clifton Springs, N. Y. 38

**BUFF** Plymouth Rocks—Eggs 15, \$1.25; 30, \$2.00. Fine pullets for sale, \$1.50 each, or trio, \$4.00. Cockerels all sold. Noble McDaniel, Dravosburg, Pa. 40



## PLYMOUTH ROCKS—Continued

BARRED Plymouth Rocks (Hawkins). Eggs, 15, \$1.50; 30, \$2.00; 100, \$5.00. Stock for sale. 120 egg Incubator and Brooder, cheap but new. Mrs. D. J. Coward, Sturgis, Ky. 37

EGGS from Winners, \$2.00 per 15. My Buff Rock breeders are solid Buff. Every female scoring better than 92; mated to first cock Hagerstown, 1905, second cock Tampa, 1906. Prospect Hill Poultry Farm, Clarcona, Orange Co., Florida. 39

"FISHEL" White Rocks direct. Six grand pens mated. "Just right" in every section. They are "birds of quality." Pure white, true shape, large, with good comb, eyes, legs and beak. Great layers. Can win too. Regular \$5.00 eggs only \$2.00 per 15; \$5.00 per 45; \$10.00 per 100. Send for 1907 mating list. Coolspring Poultry Yards, Plummer McCullough, Prop., Route 2, Box A, Mercer, Pa. 40

I AM the White Plymouth Rock man. My White Plymouth Rocks are Mr. U. R. Fishel's strain direct. They are the best in the world and just what you want. No matter where you live or what your occupation is you want some of my White Plymouth Rocks. Descriptive circular free. Correspondence solicited and cheerfully answered. Write me today. The White Rock Poultry Yards, J. T. Sebastian, Prop., Norwood, La. 39

## RHODE ISLAND REDS

ROSE and Single Comb R. I. Reds that have the breeding; 15 eggs \$1.15; 30 eggs \$2.00. Clarence Shenk, Luray, Va. 38

PRIZE WINNERS—S. C. Rhode Island Reds and Bronze Turkeys for sale. Eggs for sale in season. Address B. K. Salmon & Son, Livia, Ky. 39

AYER'S Rhode Island Reds, S. C.; heavy laying strain. Eggs from prize winners. Write for prices. A. H. Ayer, "Box C," Painesville, Ohio. 37

EGGS from first prize winners Rose Comb Rhode Island Reds, \$2.00 for 15. Barred Rocks, \$1.00 for 15. Mrs. Rhoda Maddox, Route 3, Livia, Ky. 35

S. C. R. I. RED cockerels for sale—Tompkin's strain—from first prize cock, World's Fair. Eggs for sale in season, \$2.50 for 15. S. J. Tetley, Farmington, Mo. 36

RHODE Island Reds exclusively; 1st pen cost me \$75; 2nd pen \$50; 3rd pen's score 85 to 88. Eggs cheaper than anybody. W. Oscar Orr, Roanoke, Ala. 36

RHODE Island Red eggs and chicks cheaper than anybody. 1st pen cost me \$75; 2nd pen is equal value. W. Oscar Orr, Roanoke, Ala. 37

ROSE and Single Comb Rhode Island Reds, Single Comb White Leghorns; special matings best laying stock. Eggs \$1.50 per 15. B. M. Weller, Staunton, Va. 39

WRITE Rosedale Poultry Yards for the right sort, from the right place, at right prices. Winners in hottest competition. Philip Caswell, Prop., Newport, R. I. 39

WM. T. THOMPSON—Single Comb Rhode Island Reds, exclusively; royal blood, correct shape, color and size; 15 eggs \$2.00, or 30 eggs \$3.50. Murfreesboro, Tenn. 37

SINGLE Comb Rhode Island Reds, 25 prizes won at New York, Hagerstown, Mincola. Send stamp for egg circular. Robert Seaman, Box 19, Jericho, New York. 38

WARE'S Single Comb Reds won again at Charlotte Show in hot competition. Three yards mated. 15 eggs \$1.50 and \$2.00. 100 incubator eggs, \$6.00. R. E. Ware, Shelby, N. C. 35

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ONE choice breeding pen of "Terrell's" S. C. R. I. Reds; rich in color; high scoring specimens. Satisfaction guaranteed. Prospect Hill Poultry Farm, Clarcona, Orange Co., Florida. 39

BECK'S Rose Comb Rhode Island Reds—Leading winners at Chicago, Indianapolis, Detroit, Ft. Wayne, and wherever shown. Six years of careful breeding. Eggs from six grand pens, \$2 and \$4 for 15. Nice circular, giving description, prices, winnings, etc. E. E. Beck, Hammond, Ind. 37

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RHODE Island Reds—Improve your flock by getting eggs from Zimmer's Reds, winners of 400 premiums. Rose and Single Combs. Eggs \$2.00. Mating list free. C. W. Zimmer, Fort Wayne, Indiana. 37

SINGLE Comb Reds—Winner at Madison Square, 1907, Brockton and Falmouth, Mass. Cockerels \$3, 5. Eggs \$1, 2, \$3.50 per setting. Circular free. White Birch Poultry Farm, Box U, Bridgewater, Mass. 37

ROSE Comb Rhode Island Reds exclusively. Winners at Boston, New York, Newark, Trenton, Allentown, Hazleton and wherever shown. Eggs for hatching. Send for circular showing matings and winnings. Louis Anderson, Bloomsbury, N. J. 37

SIBLEY'S Rose Comb Rhode Island Reds. First prize at Detroit and Chicago, 1906, and sweepstakes prizes at both exhibits. Bred for laying quality, size, shape and color. Cockerels for sale. Eggs in season. Frank Churchill Sibley, South Bend, Ind. 36

BENNETT'S Single Comb Rhode Island Reds—In my yards are first prize cockerel, best colored male, best shaped female; second pen, third cock, third hen, at the great Ill. state show, 1907; also winners of all awards for three years at Fulton County Poultry show and Fulton County Fair, 1906. Vice-president for Illinois of National Single Comb Rhode Island Red Club. Member Rhode Island Red Club of America. Secretary Fulton County Poultry Association. Eggs for sale. Write for prices. F. A. Bennett, Canton, Ill. 36

## RHODE ISLAND WHITES

RHODE Island Whites, a new breed. This beautiful fowl is coming to the front very rapidly as a general purpose fowl. They excel in winter egg production; also as dressed poultry. Eggs from best matings, \$2 per 15; \$10 per 100. Ida M. Briggs, Skaneateles, New York. 36

## WYANDOTTES



COLUMBIAN Wyandottes; great egg producers. Eggs 15 for \$3.00. Single Comb Rhode Island Reds. Eggs 15 for \$2.00, from prize winning strains. R. J. Hill, Murfreesboro, Tenn. 37

COLUMBIAN Wyandottes—The Wyandotte with a bright future. Eggs \$3. A. B. McLean, Columbia, Tenn. 37

COLUMBIAN Wyandottes for sale—One pen high grade breeders at less than half value. H. E. Cain, Asheville, N. C. 35

WHITE Wyandottes and Buff Plymouth Rocks. Eggs 15 for \$1.00; 40 for \$2.00. Address S. D. Miffleton, St. Charles, Ark. 40

A THING of beauty is a joy forever. Just try fifteen White Wyandotte eggs \$1.50 and be happy. Anna S. Brown, Ghent, Ky. 38

COLUMBIAN Wyandottes, the coming utility fowl. Eggs \$2.00 per 15; \$3.50 per 30; \$5.00 per 45. E. C. Tobias, Woolrich, Pa. 35

WHITE Wyandottes, White Leghorns. Eggs from strong, healthy standard bred birds \$1.00 per 15. J. Rhodes, Coal Hill, Ark. 38

WHITE Wyandottes; 240 egg strain. Eggs \$1.25 per 15; \$2.25 per 30; \$3.00 per 45. Leaflet free. E. C. Tobias, Woolrich, Pa. 35

WHITE Wyandottes, Fishel "World's Best" strain. Will fill your egg basket in winter. Eggs \$1.50 setting. W. A. White, Hickory, N. C. 38

TAYLOR'S White Wyandottes will please you. Excellent birds at from \$1.50 to \$2.50 each. Eggs in season. Write your wants. J. M. Taylor, Skidmore, Tex. 36

WHITE Wyandottes exclusively, with good comb, bay eyes and yellow legs. A few choice birds for sale. Eggs \$1.50 for 15. Baird Jones, Murfreesboro, Tenn. 37

BUFF Wyandottes exclusively. Line bred, prize-winning strain. Prices reasonable. Good trios \$5.00. Eggs \$1.50 and \$2.00 per 15. M. G. Wells, Sellersburg, Ind. 35

GOLDEN and Columbian Wyandottes. Have won over 300 prizes at state fairs and national shows. Five firsts at Nashville's big show. Get to headquarters; get the best; the McDanell kind. Send for circulars and mating lists. J. H. McDanell, Warsaw, Ky. 36

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WHITE Wyandottes—1st prize winners; 15 eggs \$1.00. Sunnyside Farm, Jonesville, Va. 35

PARTRIDGE Wyandottes a specialty. Winners at Knoxville, Tenn., Charlotte and Greensboro, N. C. Eggs from my prize winning yards at \$2.25 per 15. Z. A. Hovis, Charlotte, N. C. 35

SHAVER'S Silver Laced Wyandottes and Plymouth Rocks. Some nice cockerels cheap. Eggs \$1.50 for 15. Also one registered Shorthorn bull calf at a close price. C. W. Shaver, Brush Creek, Tenn. 36

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EXPRESS prepaid on eggs of our grand matings for 1907. Our noted "Snowflake" White and Columbian Wyandottes win the ribbons. \$2.50 per setting. Morning Side Poultry Farm, Pella, Ia. 37

COLUMBIAN WYANDOTTES—The fowl that is creating a sensation all over the world. Leading breeders and judges look for a wonderful boom on this variety. Now is the time to go into them. We have 1,000 young birds for sale, and of as good blood as is in the world. At Madison Square Garden, 1906, we won special for largest and best collection, also two out of five firsts, including first, second and fourth on exhibition pens. Birds at right prices. Write at once. Aug. D. Arnold, Box 939, Dillsburg, Pa. 35

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EGGS from thoroughbred chickens, S. C. R. I. Reds, \$1.75, Black Langshans, \$1.25 per 15. Mrs. F. O. Hurt, Limrock, Ala. 39

EGGS \$1.00 per 15. Barred Rocks, S. C. White, Brown and Buff Leghorns and Black Minorcas. Bred to lay. Dr. T. A. Wood, Newport, Tenn. 35

LOOK—Single Comb Brown and White Leghorns, also Barred Rock eggs 16, \$1.00. Satisfaction guaranteed. P. H. Murphy, Elsberry, Mo. 35

EVERGREEN Cochins—Dark Brahmas, Black, White, Buff and Partridge Cochins. Stock for sale. Eggs in season. C. W. Smith, Cardington, O. 36

MAMMOTH Pekin Ducks, Buff Orpingtons, Barred Rocks (Thompson's). Eggs \$1.50 per setting. Prize winning stock. G. H. Drewry, Greenfield, Tenn. 36

S. C. BLACK Leghorns and Light Brahmas. Strictly aristocrats. Eggs \$1.50 per 15. Sterling Poultry Yards, Drawer 78, Staunton, Virginia. 35

HICKORY Grove Poultry Farm, Piqua, Ky. For fancy Buff Orpingtons and Single Comb Brown Leghorns. Eggs 17, \$1.25; 35, \$2.25; 105, \$5. Forrest Chamberlin, Prop. 35

SEND four one-cent stamps for our catalogue and How to Get Thirteen Standard Bred Eggs for Sixty-five Cents. Address Grand Prairie Poultry Farm, Stuttgart, Ark. 40

ROSE Comb White Leghorns, and Buff Plymouth Rocks. Eggs: Leghorns, \$1.25 per 15; \$6.00 per 100; Buff Rocks, \$1.00 per 15. Fred Nussey, Massaponax, Va. 35

EGGS from choice Single Comb Black Minorcas, Rhode Island Reds, Barred Plymouth Rocks and White Wyandottes, \$1.50 per 15. A. N. Blakemore, Larkinsville, Ala. 37

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EGGS—White and Buff Orpingtons, Tuggle's Red Warhorse Games, Black Langshans, 15, \$1.50; 45, \$4.00. Pekin Duck eggs, 13, \$1.25; 39, \$3.50. Tuggle Bros., Watertown, Tenn. 36

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BARRED Plymouth Rocks (Bradley Bros. strains). Rhode Island Reds, Black Langshans and White Wyandottes. Eggs reduced after April 15th to \$1.00 per 15. John Lynerd, Manchester, Md. 35



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**BEAN'S BUFFS**—All varieties. Our show record, 350 regular and special premiums in four years, at eleven exhibitions, under Judges Butterfield, Pierce, Felch and Holden. W. M. Bean, Anoka, Minn. 43

**EGGS** fifteen, Barred Rocks, Brown and White Leghorns, \$1; Buff, Partridge, Silver and White Wyandottes, \$1.50; Cornish Games, Rose and Single Comb Rhode Island Reds, \$3.00. A. F. Newton, Lawndale, N. C. 36

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**OUR** White Leghorns are champion egg producers as records prove. Eggs by setting or 1,000. Also from South's best Pekin Ducks, Barred, White, Buff Rocks; Black Javas; Minorcas, Reds. Winners in every yard. Hayssen's Poultry Yards, Box "H," Chunchula, Mobile Co., Alabama. 37

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HARRIMAN, Box B, TENNESSEE

**SPECIALTY BREEDER AND SHIPPER**

WORLD'S BEST Single-Comb White Leghorns. Bred to Standard with due regard to utility points. Greatest Laying Exhibition Strain in the South. The Birds—Par Excellence—for the Farmer as well as Fancier. Stock and eggs all Seasons. Reasonable Prices.

200 Choice Cockerels for Sale

Co. Vice-Pres. E. Tenn. Poultry Ass'n.  
Mem. Nat'l S. C. White Leghorn Club.

**BRED FROM TRAPNESTS**

**S. C. White Leghorns & Barred Rocks**

Eggs \$2.00 per 13 Single Comb White Leghorn Cockerels \$2.00 each.

ADOLPH CHILNER, FORREST CITY, ARK.

**White Langshans, S.C. Buff Leghorns**

Pekin Ducks, Fox Terrier Dogs.

Winners at Madison Square Garden, Chicago, and Indianapolis. Eggs \$3.00 per 15; two or more settings at \$2.50 per 15. Reference, Editor of this paper.

A. W. PORTER & CO.  
Dept. G. BRIDGEPORT, IND.

**S. C. BROWN LEGHORNS**

WITH THE WINNING HABIT

Eggs from pens containing my prize-winners \$2.00 per 15. Satisfaction guaranteed.

DAN MURRELL

3020 Fifth Ave., Lynchburg, Va.

**OAK HILL POULTRY YARDS**

Breeders and exhibitors of Prize Winning Black Langshans. My birds win for me and will win for you. Stock and eggs for sale in season. Order now and save delays. Black Langshan eggs \$2.00 per setting of 15. Buff Leghorn eggs, from prize winning pen, \$1.50 per setting.

F. R. NOBLE, R. 7, Sta. B, Nashville, Tenn.

**BUFF WYANDOTTES Bred to Lay and Win**

Winners at Cincinnati and Nashville shows; first pen, headed by first prize cockerel; Nashville, 1907; mated to prize-winning females. All pens headed by prize-winners. Eggs \$3 and \$2 per 15. Write for circular.

MRS. B. F. HAMLETT  
Riverside Poultry Yards, Port Royal, Tenn.

**Idylwide Stock and Poultry Farm**

Barred Rock Cockerels, Toulouse Ganders, Rouen Drakes and M. B. Turkeys; Barred, White and Buff Rocks, R. I. Red, Toulouse Goose and Rouen Duck eggs. Satisfaction guaranteed or money back.

WOODLEY & SONS, Propr's.  
Cherry, N. C.

**SINGLE COMB  
BROWN LEGHORNS**

At Birmingham, December, 1906, in a class of 52 birds I won 1st Cockerel, 1st and 3rd Pullet, 5th Hen, 1st Pen. Also special for best Cockerel, best Pullet and best Pen. Nine regular and three special prizes.

Eggs \$1.00 to \$2.00 per 15.

Free Circulars.

J. F. HALLMARK,  
Route 4, - - ONEONTA, ALA.

**EGGS From Rose Comb  
Brown Leghorns...**

Won 1st, 2nd and 3rd as Pullets at the Nashville Poultry Show, 1906.

Pen 1, \$3.00; Pen 2, \$1.50 per 15. Eggs from Barred Rocks, \$2.00 per 13. Can fill orders promptly and guarantee satisfaction.

W. B. SAPP, Ripley, Tenn.

**...FAUST'S BUFF LEGHORNS...**

ARE RIBBON PULLERS.

Cockerel in breeding scores 95½. Pullets and hens, from 93 to 95½ points.

EGGS \$2 00 PER FIFTEEN

L. C. FAUST, NEW MARKET, TENN.

**BUFF WYANDOTTES**

Winners at the great A. P. A. Shows.

Eggs for hatching from two Grail Pens, \$1.50 and \$2.00 per 15. Jubilee Orpington Eggs, \$3.00 per 15. Prices of stock upon request.

W. K. LEWIS, Prop.

Blue Grass Poultry Yards, DRY RIDGE, KY.

**IDEAL POULTRY and STOCK FARM,  
CHUCKEY, TENN.**

Large English Berkshire Pigs, pedigreed, \$7.00.

White and Silver Laced Wyandottes, specialties, Single Comb White and Brown Leghorns, Buff Orpingtons, Barred Plymouth Rocks, Light Brahmas. Thirteen pens of finest birds we ever owned. Mated for exhibition, \$1.50 for 15; Utility, \$1.00. Hatch of ten guaranteed.

**BUFF ORPINGTONS**

SOLID BUFF TO THE SKIN

High scoring, blue bred, right shape and weight mated to produce winners and will do it. Eggs \$2.00 per setting of 15.

CHATTAHOOCHEE VALLEY FARMS

WEST POINT, GA.

Refer to Bank of West Point, First Nat'l Bank.

**BUFF ORPINGTONS NONE BETTER**

Pen No. 1, \$3.00; Pen No. 2, \$2.50 per setting of 15 eggs. Barred Plymouth Rocks, \$2.00 per setting of 15 eggs.

LELAND POULTRY FARM

MAYES HUME, Proprietor, SPRING HILL, TENN

**EGGS! EGGS!! EGGS!!!**

**FROM WHITE PLYMOUTH ROCKS**

Of high class exhibition quality. Great layers and market fowls. Have six pens mated to produce winners that will be layers and breeders. Remember they are U. R. Fishel's strain direct. Have bred Plymouth Rocks for nearly 10 years. Egg orders filled now at \$2 per 15; \$5 per 45; \$10 per 100.

Send for 1907 mating list.

**COOLSPRING POULTRY YARDS,**

PLUMMER McCULLOUGH, Propr.,  
Route 2, Box A, MERCER, PA.

**EGGS FOR HATCHING**

From carefully selected pens of heavy egg producing females of both WHITE WYANDOTTES and S. C. BROWN LEGHORNS. Penned on separate farms. Prices on application.

A. H. CARPENTER, New Middleton, Tenn.

**WOODLAWN POULTRY YARDS**

B. P. Rocks, (Bradley Bros' strain), S. C. Brown Leghorns (Va. and Tennessee selected), Black Minorcas (Northup & Dungan strain), Eggs \$1.25 to \$2.00 per 15; Red Cuban Games (Mean's strain), Eggs \$1.75 to \$3.00 per 15. Toulouse Geese, Eggs \$2.00 per 6; Pekin Ducks, Eggs \$1.25 per 13. M. B. Turkeys (Wolf's strain), Eggs \$2.00 to \$4.00 per 9. Write for yard mating.

E. W. JONES NURSERY CO., Woodlawn, Va.

**EGGS EGGS EGGS**

The Leaders { Buff Orpingtons  
White Wyandottes } \$1 per 15  
S. C. W. Leghorns }

GEO. E. MORSE, Manager  
CLEVELAND, TENN.

**STRICTLY FRESH EGGS A SPECIALTY**

17 years line bred Barred Plymouth Rocks; bred to lay kind. Cockerels, pairs and trios for sale. Eggs \$1.00 for 15; \$1.75 for 30. Genuine half Wild Turkey eggs, also half wild toms, crossed on Mammoth Bronze Hens, either mating \$4.00 dozen. Pekin Duck eggs \$1.00 per 9; \$1.75 for 18. Write for 1907 circular. HIGH CLASS BERKSHIRES.

E. F. SUMMERS, Somerset, Va.

**T. J. CATE**

Route 1, Athens, Tenn.

Breeder of Mammoth Bronze Turkeys, Part-ridge Wyandottes, Barred Rocks and Black Langshan chickens. Book your orders for eggs early and avoid the rush. Stock first class. Write me your wants.

**FAVORITE TRAPNESTS**

Are the best; handy, accurate and compact. Guaranteed to satisfy, or your money back. Price 75c each. Send stamp for circular.

WALTER P. BAYNE, SALEM, IND.

**BUFF  
ORPINGTONS**

**UNPARALLELED BLOOD LINES.** Each female carries in her veins the blood of four great blue ribbon males, 1st Boston; 1st Indianapolis; 1st Indiana State Fair; 1st Cincinnati. These are mated to 1st World's Fair Cockerel and his sons. Blue ribbons at Louisville, Nashville, Cincinnati, St. Louis. Eggs at farmers prices, up.

MILLBROOK POULTRY YARDS, Mitchell, Tenn.

Tennessee Vice-Presidents Nat. S. C. Buff Orpington Club, and American Orpington Club.

**ORPINGTONS**

Bufs, Blacks, Whites. Winners continuously of the most coveted prizes at Largest Shows to date. The Lion's share at the GREAT CHICAGO SHOW 1907, and you can buy Eggs from these First Prize Winners, the product of which will be heard from at future shows. An elaborate MATING LIST (the finest ever issued by an Orpington Breeder) describing in detail the finest matings in the West, free. If you want the BEST and "A Square Deal" I can and will please you thoroughly.

C. S. BYERS, Official Orpington Judge, HAZELRIGG, IND.



# For Twenty Years the Prizes HAVE BEEN COMING TO THE WOODLAND POULTRY FARM EGGS AND STOCK FOR SALE

In B. P. Rocks, Black Langshans, White Wyandottes, S. C. White and Brown Leghorns, and Silver Spangled Hamburgs. Eggs \$2.50 and \$3.00 for 15

The blood lines are behind my birds. They win for me and will win for you.

MRS. R. H. BELL, KNOXVILLE, TENN.

## LANGFORD'S IDEAL RHODE ISLAND REDS GREATEST WINNERS OF THE SEASON

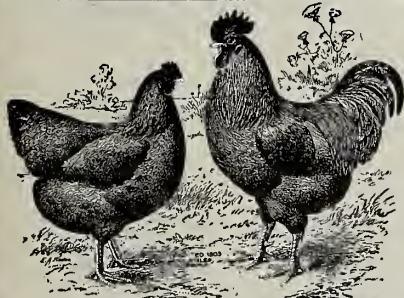
AT GREAT NASHVILLE SHOW, Jan., 1907, in a class of 309 Reds, the cream of the country, North and South competing, we won 3rd, 5th Cocks; 1st, 2nd Hens; 1st, 4th, Ckls.; 1st, 3rd, 5th Pullets, 1st Pen. Gold special for highest scoring bird in the show, Gold special for best pen. Red Club of America's Silver Cup for best display, the Hansen Loving Cup for best Cock, Hen, Ckl., Pullet. Club specials for shape and color.

AT COLUMBIA, TENN., Nov., 1906, 288 Reds competing, we won 1, 2, 3 Hens, 1, 3 Ckls.; 1, 2, Pullets; 1st Pen. Our Reds were the leading winners at Tennessee State Fair.

CHARLESTON, S. C., ATLANTA (1905), NASHVILLE (1906), also \$25.00 Cup for highest scoring pen.

\$250.00 has been refused for one of the males in our yards. Our matings are the best we ever handled. Eggs for sale at \$3.00 and \$5.00 per 15. Illustrated Catalogue free.

FRANK LANGFORD, R. R. No. 10, Nashville, Tenn.



## TOMPKINS' RHODE ISLAND REDS

WINNERS AT

BOSTON, MADISON SQ. GARDEN, NEW YORK, CINCINNATI, ST. LOUIS WORLD'S FAIR

A FEW WINNINGS AT MADISON SQ. GARDEN, NEW YORK, 1907

Largest and strongest class ever exhibited there. In Single Combs: 1st and 2d pen; 1st and 3d cock; 1st, 2d, 3rd, 4th hen; 1st, 2d, 3rd, 5th cockerel; 4th, 5th, 6th pullet. In Rose Combs: 1st pen; 1st, 5th cock; 6th hen; 1, 2, 5 cockerel; 1, 2 pullet. Male and female specials in both of clubs.

SIX CUPS OUT OF A POSSIBLE EIGHT

LESTER TOMPKINS, - - - CONCORD, MASS.

## ARNOLD'S COLUMBIAN WYANDOTTES

Won more REGULAR and SPECIAL prizes at MADISON SQUARE GARDEN than any Exhibitor, winning the CHAMPIONSHIP CUP for BEST COLLECTION; also the President's Cup for BEST COCK, HEN, COCKEREL and PULLET. President's Cup for female with BEST WING. President's Cup for male with BEST HACKLE. Gold special for 4 BEST COCKS. Gold special for 4 BEST HENS. Gold special for 4 BEST COCKERELS. 22 of the leading Breeders of the East, and 155 of the best Columbians to be found competed at this show. We have a fine lot of birds for sale; also eggs in season.

The wise will order early,

AUG. D. ARNOLD, Box 939, Dillsburg, Pa.

## S. C. Brown Leghorns and Columbian Wyandottes

They win again at Mobile, December, 1906

If you want eggs for hatching write to

STURTEVANT BROS., - Box 20, - KUSHLA, ALABAMA



**CHAMBERLAIN'S PERFECT  
CHICK FEED**

Hen Feed,  
Mash Egg Feed,

Ever Green Clover  
Meal, and Pigeon Feed

The Standard Poultry Supplies of the World. The ONLY Original Dry Chick Feed.  
Sold Everywhere. Please write for prices and name of nearest Agent.  
W. F. CHAMBERLAIN, (The Perfect Chick Feed Man.) ST. LOUIS, MO.





# TWO PIANOS! CASH! BIG PRIZES FREE!



**CONDITIONS**—50 cents pays for a year's subscription to **SUCCESSFUL FARMING** and one count; \$1.00 pays for two years and three counts and makes you eligible for the special \$50.00 prizes given to winners of its prizes if they have three counts. See below.

**AWARDS**—The person giving correct or nearest correct count will get first prize. Next nearest second, etc. We believe everybody should have three counts so they can have one each side of what they think is correct to be more sure to hit it. To encourage this we will give \$50.00 extra to winners of 1st prizes if they have three counts. Remember if you have one count you get piano only, but if you have three counts you get \$50 extra.

**TIME PRIZES**—\$25.00 Extra. We feel early counters should be rewarded and we will give \$25.00 extra to the person winning piano if count is mailed by May 15th.

**OUR RESPONSIBILITY**—We are a responsible business house, and every prize must be paid and will be paid as stated. We refer to Iowa National Bank, Central State Bank, German Savings Bank; in fact any Bank, Express Company, business house or individual in Des Moines, as well as Dun or Bradstreets Agency, or the publisher of this paper.

**JUDGES**—We have wholly disinterested judges to award prizes. Here is what they say:

**TO WHOM IT MAY CONCERN:** We have been asked by the publishers of **SUCCESSFUL FARMING** to act as judges in their contest and see that prizes are all awarded fairly. This we will gladly do guaranteeing each contestant absolute fair treatment. Signed—W. W. MORROW, Treasurer State of Iowa; HUGH CRENNAN, Judge District Court; Rev. A. J. WILLIAMS.

In case of tie we will write each person so tied asking them to make as few words as possible from the letters of the alphabet, using each letter of the alphabet twice and only twice, and no one word more than once, each letter left over counting as one word. To the one tied in the counting who gives us the fewest words as above will be awarded first prize. This practically eliminates all question of tie, but if there should be any possibility be a tie in this the prize will be divided equally between those so tying.

Subscription without counts is 25 cents per year, additional counts after you have three entered as per our terms in paragraph "condition" above may be entered at 25 cents each.

This contest is not to be confused with the guessing or estimating contests. Our contest is a test of skill in planning and counting and the best person wins. Nobody connected with our paper will be allowed to compete. Contest closes June 30, but get your counts in at once. See about time prize above.

**Address all letters to SUCCESSFUL FARMING, 488 Tenth St., Des Moines, Iowa.**

## CAN YOU COUNT THESE DOTS?

**SUCCESSFUL FARMING WILL GIVE TO THOSE WHO CAN COUNT THE DOTS IN THE PIANO CORRECTLY OR NEAREST CORRECTLY, THE FOLLOWING LIST OF PRIZES: CAN YOU DO IT?**

**Two Elegant Pianos**, one to a lady and one to a gentleman.

**2nd. Two Hundred Dollars Cash.**

**3rd. One Hundred Dollars Cash.**

**4th. Fifty Dollars Cash.**

**5th. Twenty-five Dollars Cash.**

**Next 5. Ten Dollars Each.**

**Next 10. Five Dollars Each.**

**Next 25. Two Dollars Each.**

**CONDITIONS:** 50 cents pays for one year and one count. \$1.00 pays for two years and three counts. You get \$50 extra if you have three counts. It will pay you to have three. See conditions below.

## DON'T DELAY!

**IF YOU WANT A PIANO OR OTHER PRIZES FREE SEND YOUR COUNTS AT ONCE**

**PRIZE WINNERS IN PAST CONTESTS**

**A Piano for \$1.00.** Surely people may enter your contests knowing that they will receive fair treatment. How glad I was to win a piano for so small an amount and wholly unexpected. The paper alone is worth all I paid.

**MRS. L. W. NOTT, Marion, Ia.**  
**He Won a Piano.** Refer people to me if they want to know whether you are honest. I got a piano for a prize and never heard of you until I answered your ad. Your paper is worth twice the subscription price.

**W. C. ELLIOTT, Audubon, Iowa.**

**\$100.00 Prize.** I got my \$100 and it was the easiest I ever earned. The dots are hard to count but I know the prizes go to those who win them fairly.

**AMY R. BARNES, Van Horn, Iowa.**

**Won \$350 Cash.** I won grand prize of \$350 Cash in last contest. I was much surprised. I want to vouch to **SUCCESSFUL FARMING**'s fairness to any and everybody.

**JOHN A. GOODWIN, Richmond, Va.**

**\$50.00 for Canada.** Way up here in Canada I won \$50. I never knew there was such a paper until I answered ad, now I will never be without it again.

**MISS E. FORNIER, Mantane, Quebec**

**Won a Piano.** I received the elegant piano which I won in grand. I am recommending you to all my friends and you are at liberty to use my name as reference any time you wish.

**ISAAC SHOTWELL, Rockland, Ohio.**

## OTHERS WHO HAVE WON:

**Pianos**—Myra A. Fursman, Panola, Ill. E. L. Jones, 82 Cottage Ave., Ansonia, Conn. Mr. Libble Greulich, St. Paul, Minn. W. S. Keever, 817 Freeman St., Cincinnati, O. J. Gemachlich, Kensington, Kan. Edith Hutchinson, Leonard, North Dakota.

**\$100** Eva I. Buckner, Fredonia, Kas. C. S. Wyman, Vinton, Iowa. E. M. Hall, Montrose, Mo. J. W. Smith, Rome, Okla.

**\$50** S. Irving Steyer, 225 E. Balt. Baltimore, Md. L. F. Stinson, Arcata, Calif. A. J. Ferlie, Altoona, Ia. Albert Peterson, Holdrege, Neb. Chas. McBride, Peoria, Ill. Jos. Unser, Bellevue, O. Mrs. D. H. Stoner, Granger, Ia.

**THESE ARE BUT A FEW OF MANY. WE COULD GIVE A LIST OF HUNDREDS. YOU MIGHT AS WELL BE A WINNER IF YOU GO AT IT AT ONCE.**

**Publisher SUCCESSFUL FARMING, 488 Tenth St., Des Moines, Iowa.**

I enclose \$.....for subscription to **SUCCESSFUL FARMING**, and I wish to enter the.....(write ladies' or gents') Contest. If \$1.00 is paid send three counts; if only 50c is paid send **ONLY ONE** count. The extra \$50.00 go only to those having **THREE** or more counts entered.

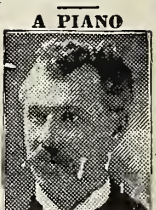
My count is; (1).....(2).....(3).....

NAME.....

P. O. .... State.....



MRS. L. W. NOTT,  
Marion, Iowa.



W. C. ELLIOTT,  
Audubon, Ia.



EUGENIE FOURNIER,  
Mantane, Quebec.

## PARRISH'S LIGHT BRAHMAS

At four of the largest shows in the South this season  
Won Forty out of a possible Forty-seven Ribbons.

WRITE FOR CIRCULAR.

**T. REID PARRISH, 17TH ST., E. NASHVILLE, TENN.**





# MODEL

## Incubators and Brooders



Hatch every hatchable chick, and rear them. If you are lamenting the eggs wasted in the imitation hatcher which you bought earlier, remember that the season is at its height and you still have time to put in the Model equipment and turn your failure into success. Every mail is bringing the usual reports of good results from satisfied owners of the Model equipment.

Crystal Spring Duck Farm, Oil City, Pa., March 9, 1907.  
Mr. Chas. A. Cyphers, Dear Sir:—We are using ninety-two of your Model Incubators with the greatest satisfaction. They are hatching equally well on both duck and chicken eggs, giving us a duckling or chick from every hatchable egg. We never before secured such large hatches so early in the season as we are now getting from the Model, and we will easily get out 75,000 ducklings this year, in addition to several thousand chickens.

After hatching with your machines for three years we are well satisfied that the Model Incubator is the best we have used, as it is more accurate in temperature, hatches a larger percentage and more vigorous chickens and ducks, and the workmanship on the machine is superior. It is easier to clean and care for than other incubators, and requires less attention in operating it.

Very truly yours, P. McEvoy, Manager.

Send in your order at once and I will make prompt shipment. The Model will hatch the eggs, and when you see the chicks popping out it will put new vim in your work. The Model will spell success for you, as it will hatch every hatchable egg.

And those chicken-killers that were sold you for brooders, and in which you are losing 50 per cent of your chicks. The Model Brooders will raise 95 per cent for you, and without taking much of your time. At the Model Farm last spring we raised 12,000 chicks in the Model Colony Brooders. We have 30,000 in winter quarters now, and we are putting 60,000 baby chicks in Model Colony Brooders because they raise a chick that grows into a profitable layer.

Note:—My clients are doing equally well.

"Last year placed in the Model Brooder 52 chicks in March; had 10 below zero; raised 51." Thos. D. Pashley, Schenectady, N. Y.

"I cannot say enough in praise of your brooder. It is simply perfect. I never had as good success and so little trouble. I raised all my chicks." E. J. Listul, Ashland, Wis.

"Your Colony Brooders have given complete satisfaction. Last year I raised 71 out of 72 put in my brooder." R. N. Mullikin, Baltimore, Md.

"I am very much pleased with your brooders. I never saw chickens grow so fast under other conditions." Mrs. Franc M. Wells, Fillmore, N. Y.

The Model Equipment will do just as well for you. It will make a success of your poultry work this year. Send in your order now and I will make prompt shipment.

"I am operating 10 of your large machines and 24 Colony Brooders. Have had the brooders full of chickens and running this cold wave without any protection whatever. I cannot recommend them too highly." J. W. Warren, Northboro, Mass.

"I consider your Model Colony Brooder the best on my plant. In March we had the worst storm of snow and high winds of the winter, and I had a brood of chicks out in your brooder in this storm and it carried them through nicely." T. F. Fitzpatrick, Wantagh, N. Y.

"I had excellent success with the Incubators and Brooders purchased from you a few months ago. The Brooders have raised every one of the 92 chicks placed in them. Chas. A. Cyphers' machines are the best I have ever used." A. H. Chapin, Brownwood, Tex.

CHAS. A. CYPHERS

332 Henry St., Buffalo, N. Y.

## PORTER-GEORGE POULTRY CO.

KNOXVILLE, TENNESSEE

—AGENTS FOR—

### Chas. Cypher's Model Incubators, Brooders and Feeds

Goods carried in stock sold f. o. b. Knoxville.

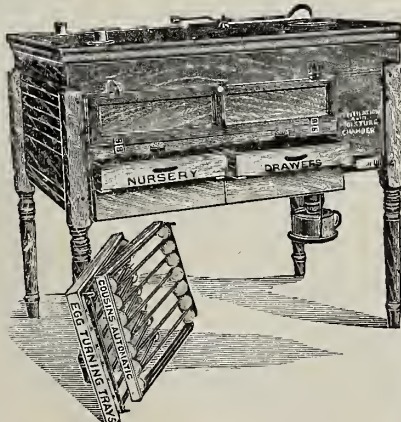
Eggs of Barred Plymouth Rocks, White and Brown Leghorns for Sale.

### SOME ADVANTAGES OF THE COUSINS INCUBATORS

**Suspended Air Tight Pan.** Heated absolutely even by encircling on inside with large then small tubes and pipes, entirely separate from the pan, before it is diffused into same, then passing out chimneys on top of Incubator. Impossible for any foul air to come in contact with the eggs.

**Air and Moisture Chamber.** Air kept at same temperature as the room Incubator is operated in, giving the air chance to take water if it needs it, which it will do if too dry and will not do unless it needs it.

**Egg-Turning Tray.** We turn 100 eggs by this invention while you turn one by hand, and we turn them without any jar or friction whatever. Will not disturb the least germ of life, will always give an increased hatch and is the greatest labor saving device known. A child can operate it. Write for full particulars.



THE COUSINS INCUBATOR CO., WARREN, PA., U. S. A.

Headquarters for  
Poultrymen

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Knoxville's Most Modern  
and Up-to-Date Hotel

LONG DISTANCE PHONES  
IN EVERY ROOM

Rates \$2.50 and up. Rooms  
with Bath, \$3.50 and  
\$4.00 per day

AMERICAN PLAN



### POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; send for it today. Also poultry post cards; sample of your variety for stamp. Chas. L. Stiles, 42 E. Gay St, Columbus, O.

See Clubbing Offer elsewhere  
and take advantage at once.



# THE INDUSTRIOUS HEN SEWING MACHINE

## HIGH GRADE, SILENT, AND EASY RUNNING

For Durability and Satisfactory Service It is Equal to the Best and Highest Priced Machine Ever Made. It will Last a Lifetime

### A LIFETIME GUARANTEE

Provides that if any of the working parts prove defective in material or workmanship it will be *made good free of charge*, no matter when required—the time is unlimited.

### POINTS OF SUPERIORITY

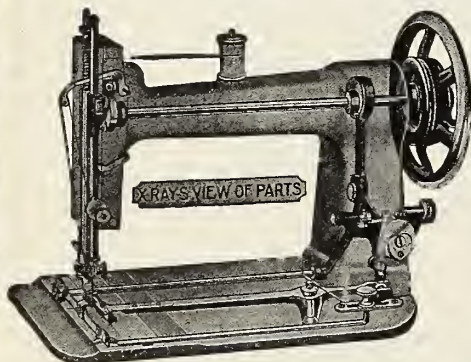
Silent and easy running. Self-setting needle. Automatic bobbin winder. Self-threading cylinder shuttle. Tension release. Lifetime guarantee.

### IN FACT

We present it to our patrons as a *strictly up-to-date, first-class, high-grade machine in every detail. Nothing better.*



Large Full-Size Arm, Drop Head



A  
\$45.00  
MACHINE

...FOR...

\$16.00

F. O. B. FACTORY

## DESCRIPTION

Case of two drawers on each side, with pull drawer in center. The head drops below the table when leaf is closed, and the head of machine is out of the way—out of sight—when not in use, which is at once appreciated by every housekeeper, and has made it the most popular style ever produced. The machine when closed forms a convenient table for general purposes, and the head is entirely protected against dust.

## THE BEST MACHINE MADE

The Mechanical Construction of this machine is on such perfect lines that *Durability, Quiet and Easy Running* are its dominating features.

THE SEWING QUALITIES of the machine are perfect. It will sew from one thickness of muslin to six thicknesses of heavy full cloth without breaking the thread.

The Needle is SELF SETTING, and can be fastened in position without the use of a screw driver. The machine is SELF THREADING at every point except the eye of the needle.

The SHUTTLE is cylindrical; is absolutely self-threading. SIMPLY PLACE BOBBIN IN SHUTTLE WITH END OF THREAD ABOUT 2 1/4 INCHES LONG, AND STARTING MACHINE INSTANTLY THREADS SHUTTLE READY FOR USE. A feature no other machine possesses. The advantage is great.

The BOBBIN spindle is hollow and revolves on a steel shaft inside the shuttle preventing the breaking of thread when pulling off the ends. This trouble always occurs with all other forms of bobbins.

ALL WEARING POINTS are of best steel, hardened and ground to bearings, and interchangeable.

For WINDING BOBBINS the machine is fitted with loose pulley. No running of the machine while winding the bobbin.

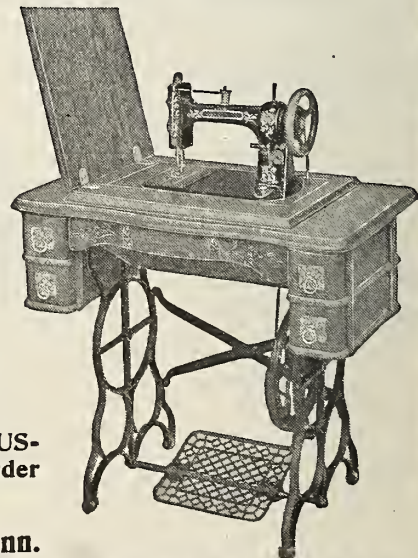
OUR NEW IMPROVED AUTOMATIC SPOOLER does not pile thread at the end of bobbin. It is worked by the belt, which saves hard running when winding, and extra expense of rubbers that are continually breaking and getting soft.

The following accessories and attachments are furnished free with each machine; Ruffler, Tucker, Binder, Foot Braider, Foot Hemmer and Feller, 1/2-in. Hemmer, 3/4-in. Hemmer, 1-in. Hemmer, Quilter Gauge, 1 doz. Needles, 6 Bobbins, large and small Screw Driver, filled Oil Can, and a very complete illustrated book of directions, by which the use of the machine in all kinds of work can readily be understood and learned without the aid of an instructor.

This Machine, together with a Year's Subscription to THE INDUSTRIOUS HEN, will be sent for \$16.00, cash to accompany order

SEND CHECK, P. O. ORDER OR REGISTERED LETTER TO

THE INDUSTRIOUS HEN CO., Knoxville, Tenn.







A Hale Winner

## HALE'S BARRED ROCKS

That made a

**WONDERFUL RECORD AT KNOXVILLE, DEC. 11-15, 1906**

In the hottest class of Barred Rocks ever shown in the South: 1st Cockerel (tie), 2nd and 3rd Cockerel; 1st and 3rd Pullet, 1st Pen and special for highest scoring Barred Rock in show.

My Barred Rocks also won first honors at Knoxville January, 1906; Chattanooga, December, 1904; Sweetwater and Madisonville, Tenn., 1906.

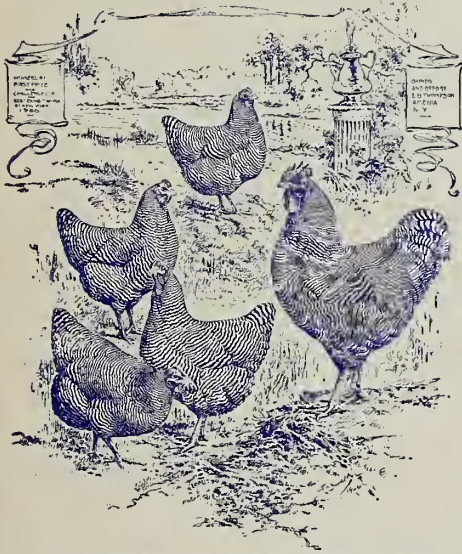
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**SCOTCH COLLIE DOGS OF MOST UP-TO-DATE BREEDING**



Winners of First Prize and Sweepstakes Cup for Best Exhibition Pen at New York, 1906

## "RINGLETS" Soar Still Higher

At the Imperial Show of the Nation  
Madison Square Garden, N. Y.

## E. B. THOMPSON'S BARRED P. ROCKS

Stamped their superiority in the most decisive manner, winning again the Superb Challenge Trophy, value \$100, for best cock, cockerel, hen and pullet. This is the third time the "Ringlets" have won this grandest of all trophies, giving them now absolute and final ownership. In this "COLOSSAL CONFLICT" the "Ringlets" lifted the great National Sweepstakes Cup presented by the American Plymouth Rock Club for the best cock, cockerel, hen and pullet. My Barred Rocks won double the number of silver cups and special prizes of any competitor, including the sweepstakes special in gold for best Plymouth Rock on exhibition, male or female, any variety.

The "RINGLET" World's Record of four years in succession at New York is a page of history. The "RINGLET" World's Record of first on exhibition pen at this great show, three years in succession is the undisputed champion.

The "Ringlet" clean sweep 1st, 2d, 3d, 4th and 5th prizes on pullets has never been approached at Madison Square Garden, and stands alone and unequalled.

The "Ringlets" have won at New York—exhibited by me personally—a grand total of 101 prizes. 48 of these are 1sts and specials, being more than double the number of 1st and special prizes won by any competitor in the history of the show.

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in any number. Rare bargains in yearling breeders in lots of a trio or 100. Show birds fit to win in the fastest company—600 choice breeding cockerels. Richly illustrated 48-page catalogue on application. It is full of original illustrations of New York winners from life. Eggs from finest exhibition matings. One setting \$5, two settings \$9, three settings \$12, four settings \$15. Address

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**White and Silver Penciled Plymouth Rocks,  
White and Partridge Wyandottes,  
S. C. W. Leghorns and Buff Cochins Bantams**

Over two hundred ribbons won in 1906 at five of the leading shows, including **Madison Square Garden**, Syracuse, Trenton, and Hagerstown, more than all our competitors together. A record never before equalled by any breeder on these varieties.

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we again win over **Forty Ribbons and Two Silver Cups**, including the **Ivory Soap Cup** for best White Bird. We also won 1st White Wyandotte Cockerel, making **Twice** in succession we have won this most **Coveted** prize. The 1907 winner is a son of the 1906 winner and shows the value of good blood.

Eggs from Prize Matings, \$5 per 15: three settings for \$10.

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\$2.50 will get you a setting of guaranteed fertile Eggs from best matings of the above stock. They will hatch the kind you want.

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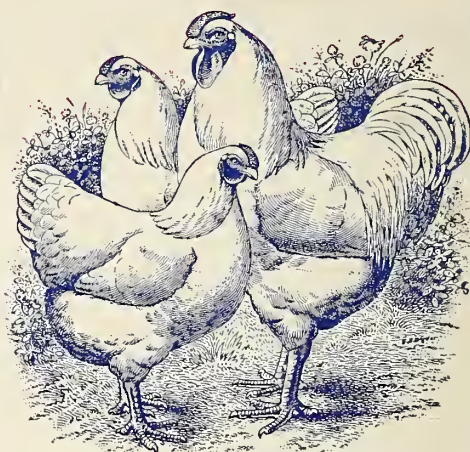


Can not be too carefully selected at this season. All our eggs are trapnested, numbered and dated, and selected with the greatest care.

## The Date Tells the Age

Eggs are shipped day order is received, in self-locked boxes, anywhere in the United States, Mexico, Canada or Cuba, and delivery guaranteed.

We have Nine Pens of Most Excellently Marked and Very Superior Birds from which we sell Eggs for Hatching.



## There Are No Better Breeding Pens in The South

Pen No. 1

### White Wyandottes

Headed by a fine cockerel true to type and color and properly mated to twelve handsome females. These birds possess both beauty of form and color and have proven themselves prolific egg producers. Up to weight and pure white. Eggs from this pen \$3.00 per 15.

Pen No. 2

### Barred Rocks

No finer male can be found in the South than the one that heads this pen. Typical in shape and fine in station with the real blue barring so pleasing to the eye. He is most excellently mated to twelve grand females. Eggs from this pen are \$5.00 per 15 straight.

Pen No. 3

### Barred Rocks

In this pen are twelve exceptionally fine hens mated for best results to most excellent blocky birds of good color. They are up to weight and good egg producers. Eggs \$3.00 per setting.

Pen No. 4

### White Rocks

The cock at the head of this pen is typical in shape. He is grand in size and color, and mated with due regard for results to twelve hens specially selected for size and vigor. Eggs \$3.00 per 15.

Pen No. 5

### Buff Orpingtons

The S. C. Buff Orpington has many admirers and no one could fail to admire this handsome pen of twelve females, headed by a magnificent cock. The mating has been made with due regard to results. They are fine layers and excellent table fowls. Eggs \$3.00 per 15.

Pen No. 6

### Black Langshans

The male bird heading this pen is of fine size and color and the twelve females are fully up to standard weight with excellent feathering and color. This mating will give fine results. Eggs \$3.00 per 15.

Pen No. 7

### S. C. Brown Leghorns

A pen of twelve Brown beauties headed by a richly colored cockerel. The mating would please the most exacting as due regard has been paid to color and size. These birds are bred for eggs and for beauty and they have measured up to the requirements. Eggs \$3.00 per setting of 15.

Pen No. 8

### S. C. White Leghorns

This is a pen of white birds. The females are properly mated to an active, vigorous cock that is typical of the breed. They are fine layers and the results of the mating should be excellent. Eggs \$3.00 per 15.

Pen No. 9

### Rhode Island Reds

This popular breed is a pen of prize winners, and have had a good yard to range and forage. Orders for eggs booked now at \$3.00 for 15.

A limited number of orders for Stock and Eggs booked now. Don't waste Money and Time on Cheap Stock, but write at once your wants to

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Knoxville, Tenn.

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R. R. No. 7, Columbia, Tenn.,

#### Exclusive Breeders of W. P. Rocks

Breeders of high class birds and show birds especially. Have never been defeated in the show room and can sell you stuff to win in your hands. Look over our winnings for two seasons, and never showing in more than three shows in a season. Middle Tennessee Poultry Association, Columbia, December, 1905: 1st, 2nd Ckl.; 1st, 3rd Pul.; 1st, 3rd Pen. Tennessee Fair Association, September, 1906: 1st Cock; 1st, 2nd Hen; 1st, 2nd, 3rd Ckl.; 1st, 3rd, Pul.; 1st, 2nd Pen. Middle Tennessee Poultry Association, November, 1906, in a class of 190; 1st, 2nd, 3rd Cock; 2nd Ckl., with two 3rd Pul., with six. East Tennessee Poultry Association, Knoxville, December, 1906: 1st Cock; 3rd Pul.; 3rd Pen. Tennessee State Poultry Breeders' Association, Nashville, January, 1907, in class 200: 2nd Cock; 2nd Ckl.; 2nd, 5th Pul.; 1st Pen. American W. P. R. Club special for high score pen, scoring 189%.

**Pens all headed by prize winning males. Eggs (\$2.00, \$3.00, \$5.00) per 15. \$15.00 per hundred.**

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